Empowered by Innovation NEC

PRODUCT OVERVIEW 2015

DESKTOP DISPLAYS I LARGE FORMAT DISPLAYS I PROJECTORS I SOFTWARE

ECO INNOVATION

REFERENCE

NEW IN THIS EDITION

Desktop Displays

Large Format Displays

Projectors

NEC DISPLAY SOLUTIONS

PERFORMANCE YOU CAN TRUST

NEC stands for product quality and design perfection with a reputation for reliability and an enviable pan-European support infrastructure to back it up. Installing an NEC display means you can trust in our equipment and our company culture.

Designed for long term operation, NEC displays and projectors incorporate innovative designs, high quality panels and components and go through demanding quality assurance levels; displays ready for the most demanding mission critical applications, out of the box.

THE WIDEST PORTFOLIO OF DISPLAY SOLUTIONS OF ANY SUPPLIER

Today NEC boasts a comprehensive range of Desktop Displays, Large Format Displays and Projectors, with a model for almost any application from the largest venues or public places to offices and smaller classrooms.

NEC is one of the world's largest IT Companies, with the display division operating 14 local sales and support offices across Europe, Middle East and Africa.

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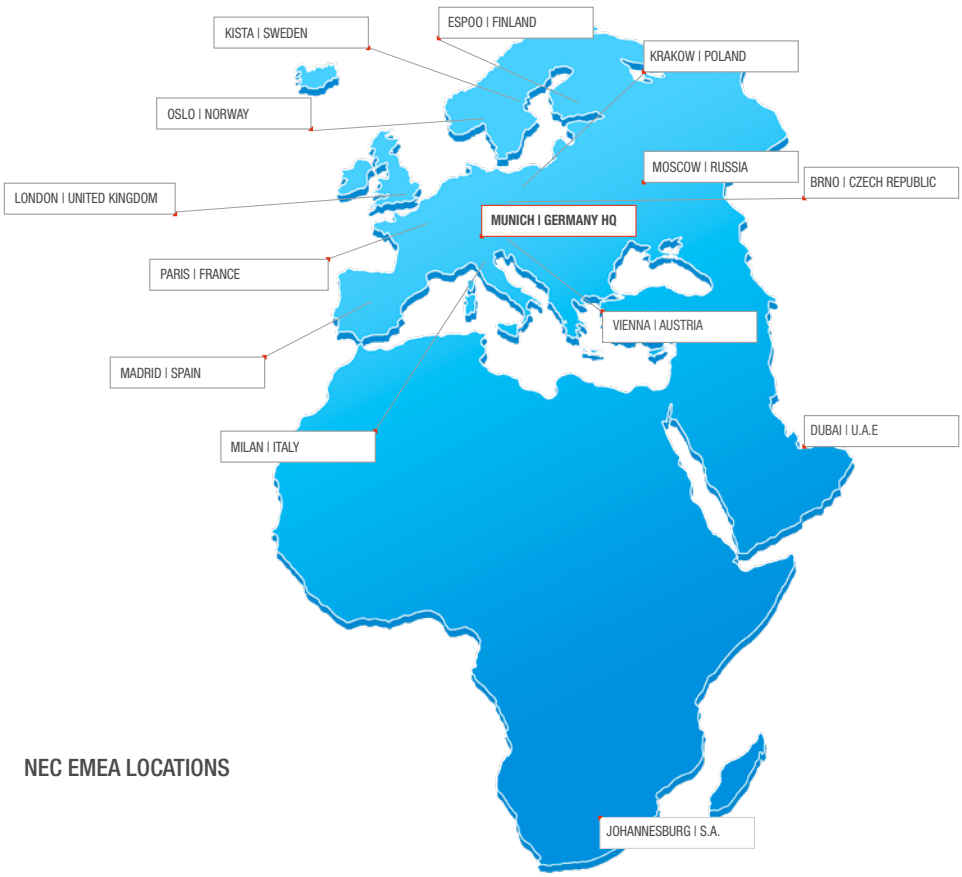


NEC EMEA LOCATIONS

A New Era of Visual Experience

NEC is in the unique position of offering a portfolio of display products which support both the 4K and UHD resolutions. The portfolio of 4K UHD products has been meticulously developed to fulfil all requirements of a richness of detail, precise and controlled colour reproduction, flexible connectivity and a guarantee of giving state-of-the-art technology with investment and future-proof security.

From smaller desktop sizes to large format displays and even powerful laser projectors for the largest image demands - NEC Display Solutions offers 4K UHD products for all kinds of applications including CAD/CAM Technical Design, Control Room, Simulation, Video-Conferencing, Digital Cinema, Post-production and Rental & Staging

Visit
www.4kuhd-nec.com
to learn more about our extensive 4K UHD portfolio.

DESKTOP DISPLAYS

With the widest range of Display Solutions on the market, NEC have a Desktop Display for almost any requirement. From mission critical, such as Finance, Medical or Publishing to Ecological or Commercial applications and all are backed by our three year manufacturer warranty.

3 YEARS WARRANTY

UP TO 5 YEARS OPTIONAL WARRANTY

ECO INNOVATION

NEW RELEASES

PA322UHD	Professional 31.5" 4K UHD monitor with OPS
SVRef322UHD	Professional 31.5" 4K UHD calibrated monitor
AS242W	Entry-level 24" 16:9 FHD monitor

COMMERCIAL ENTRY LEVEL	
AS SERIES	Ideal for entry-level, corporate and demanding consumer.
COMMERCIAL ENTERPRISE	
E SERIES	Perfectly suited for standard office applications at Corporate and Government Offices.
EA SERIES	Performance-oriented product series ideal for corporate and SMB users.
EX SERIES	Ideal for corporates that demand style and future proof technology and excellent picture quality.
PROFESSIONAL	
P SERIES	The ideal display for professional design, CAD-CAM, finance, demanding office and industrial applications.
PA SERIES	The Reference Professional desktop monitor for Creative Professionals, Semi-Medical, Precision Engineering and Demanding Corporate Office applications.
COLOUR	
SV SERIES	The perfect choice for creative professional demanding colour-critical performance.
MEDICAL	
MD SERIES	DICOM prioritisation. Primary Diagnostics and meeting MDD-CE regulations, with complete QA Conformance

For more detailed information please visit: **www.nec-display-solutions.com**

	AS222WM	AS242W
Order Code	60003496 (BK)	60003810 (BK)
Panel Technology	TN / W-LED	W-LED TN TFT
Screen Size [inch / cm]	21.5 / 54.62	24 / 60.97
Aspect Ratio	16:9	16:9
Brightness (typ.) [cd/m²]	250	250
Contrast (typ.)	1000:1	1000:1
Viewing Angle Hor / Vert [°]	170 / 160	170 / 160
Response Time (typ. G to G) [ms]	5	5
Colours [Mio.]	16.77	16.7
Resolution at 60 Hz	1920 x 1080	1920 x 1080
Connectors	DVI-D, VGA	DVI-D, VGA
Power Use Max / ECO [W]	27 / 13	24 / 13
Power Saving Mode [W]	0.35	0.35
Internal Power Supply	●	●
Height Adjustable Stand [mm]	-	-
Other Ergonomics	Tilt	Tilt
Bezel Width T - B / L - R [mm]	15.8 / 14.7	19.0 / 19.0
Dimensions with stand (W x H x D)	507.4 x 364.7 x 205.1	571.4 x 400.9 x 211.2
Weight with stand [kg]	4.1	tbd
EPEAT™	Silver	Silver
TCO	6.0	6.0
NaViSet	●	●

AS SERIES

HIGH RESOLUTION
WIDE FORMAT
VALUE RANGE

22" W | 24" W

E SERIES

ECOLOGICAL
HIGH RESOLUTION
WIDE FORMAT
DISPLAYPORT
ERGONOMICS

17" W |20" W | 22" W | 23" W
24" W

EA SERIES

ECOLOGICAL
SUPERIOR IMAGE
HIGH RESOLUTION
WIDE FORMAT
DISPLAYPORT
ERGONOMICS

19" | 22" W | 23" W | 24" W
27" W | 29" W | 30" W

	E171M	E201W	E223W	E224Wi	E231W	E232WMT	E243WMi
Order Code	60003582 (BK) 60003581 (WH)	60002820 (BK) 60002818 (WH)	60003334 (BK) 60003335 (WH)	60003584 (BK) 60003583 (WH)	60002932 (BK) 60002933 (WH)	60003680 (BK)	60003681 (BK) 60003682 (WH)
Panel Technology	TN / W-LED	TN / W-LED	TN / W-LED	IPS with W-LED	TN / W-LED	IPS with W-LED	IPS with W-LED
Screen Size [inch / cm]	17.0 / 43.3	20.0 / 50.8	22.0 / 55.9	21.5 / 54.6	23.0 / 58.42	23.0 / 58.4	23.8 / 60.47
Aspect Ratio	5:4	16:9	16:10	16:9	16:9	16:9	16:9
Brightness (typ.) [cd/m²]	250	250	250	250	250	250	250
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	170 / 160	170 / 160	170 / 160	178 / 178	170 / 160	170 / 170	178 / 178
Response Time (typ. G to G) [ms]	5	5	5	6	5	5	6
Colours [Mio.]	16.7	16.77	16.77	16.77	16.77	16.77	16.77
Resolution at 60 Hz	1280 x 1024	1600 x 900	1680 x 1,050	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Connectors	DVI-D, VGA	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, VGA	HDMI, DVI-D, VGA	DisplayPort, DVI-D, VGA
Power Use Max / ECO [W]	19 / 9	25 / 12	24 / 12	25 / 16	28 / 16	52 / 20	26 / 13
Power Saving Mode [W]	0.15	0.42	0.35	0.4	0.34	0.8	0.4
Internal Power Supply	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	50	110	110	110	110	54	110
Other Ergonomics	Tilt	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Rotate	Tilt, Swivel, Flat, 10-Point Touch, Webcam	Tilt, Swivel, Rotate
Bezel Width T - B / L - R [mm]	17.5 / 14.2	16.0 / 18.5	15.8 / 13.9	15.8 / 14.7	19.2 / 19.2	–	16.8 / 14.7
Dimensions with stand (W x H x D) [mm]	368 x 358.5 x 230	477.0 x 359.3 x 213.9	503.5 x 383.3 x 213.9	507.8 x 364.5 x 213.9	550.1 x 381.1 x 213.9	561 x 362.8 x 249.7	557.8 x 379.6 x 213.9
Weight with stand [kg]	4.2	5.4	4.9	5.9	6.2	7.6	6.3
EPEAT™	Silver	Gold / Silver	Silver	Silver	Gold	Gold	Silver
TCO	6.0	5.0	6.0	6.0	5.0	6.0	6.0

	EA193Mi	EA223WM	EA224WMi	EA234WMi	EA244UHD
Order Code	60003586 (BK) 60003585 (WH	60003294 (BK) 60003293 (WH)	60003336 (BK) 60003337 (WH)	60003588 (BK) 60003587 (WH)	60003683 (BK) 60003684 (WH)
Panel Technology	IPS / W-LED	TN / W-LED	IPS / W-LED	IPS / W-LED	IPS / W-LED
Screen Size [inch / cm]	19.0 / 48.2	22.0 / 55.9	21.5 / 54.62	23.0 / 58.42	23.8 / 60.5
Aspect Ratio	5:4	16:10	16:9	16:9	16:9
Brightness (typ.) [cd/m²]	250	250	250	250	350
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	170 / 160	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	5	6	6	5
Colours [Mio.]	16.77	16.77	16.77	16.77	1073
Resolution at 60 Hz	1280 x 1024	1680 x 1050	1920 x 1080	1920 x 1080	3840 x 2160
Connectors	DisplayPort, DVI-D, VGA	DisplayPort, DVI-D, USB, VGA	DisplayPort, DVI-D, USB, HDMI, VGA	DVI-D, HDMI, USB, DisplayPort, VGA	2x DVI-D (Single Link with HDCP); 2x DisplayPort; 2x HDMI, USB 3.0
Power Use Max / ECO [W]	18 / 10	25 / 12	26 / 15	27 / 16	79 / 41
Power Saving Mode [W]	0.35	0.4	0.43	0.41	0.33
Internal Power Supply	●	●	●	●	●
Height Adjustable Stand [mm]	110	130	130	130	130
Other Ergonomics	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width T - B / L - R [mm]	16.5 / 14.9	15.8 / 13.9	15.8 / 14.7	16.4 / 16.0	18.1 / 14.8
Dimensions with stand (W x H x D)	408.0 x 386.4 x 213.9	503.5 x 384.0 x 218.0	507.4 x 370.2 x 218.0	543.8 x 380.4 x 218.0	558.2 x 386.7 x 218.0
Weight with stand [kg]	5.9	5.6	6.0	6.4	7
EPEAT™	Silver	Silver	Gold	Gold	Gold
TCO	6.0	6.0	6.0	6.0	6.0
NaViSet	●	●	●	●	●

EA294WMi
the power of two displays in one

This super wide 2560 x 1080 pixel display consumes 29% less power than dual 19 inch monitors with similar LCD panel technology. At the forefront of environmental design and social responsibility the EA294WMi also offers best in class image quality from wider viewing angles with its supersized IPS panel.

	EA244WMi	EA273WMi	EA274WMi	EA294WMi	EA304WMi
Order Code	60003414 (BK) 60003409 (WH)	60003608 (BK) 60003607 (WH)	60003493 (BK) 60003492 (WH)	60003417 (BK) 60003415 (WH)	60003494 (BK) 60003495 (WH)
Panel Technology	IPS / W-LED	IPS / W-LED	IPS / W-LED	IPS / W-LED	IPS/W-LED
Screen Size [inch / cm]	24.1 / 61.13	27.0 / 68.6	27.0 / 68.5	29.0 / 73.2	29.8 / 75.62
Aspect Ratio	16:10	16:9	16:9	21:9	16:10
Brightness (typ.) [cd/m²]	350	250	350	300	350
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	6	6	6	6	6
Colours [Mio.]	16.77	16.77	16.77	16.77	1073
Resolution at 60 Hz	1920 x 1200	1920 x 1080	2560 x 1440	2560 x 1080	2560 x 1600
Connectors	DVI-D, HDMI (with HDCP), USB, DisplayPort, VGA	DVI-D, HDMI (with HDCP), USB, DisplayPort, VGA	HDMI (with HDCP), USB, DisplayPort, VGA	2 x DVI-D, HDMI/ MHL, USB, Display-Port, 2 x VGA	D-sub, VGA, DisplayPort, HDMI (with HDCP)
Power Use Max / ECO [W]	29 / 16	31 / 16	57 / 35	50 / 28	63 / 48
Power Saving Mode [W]	0.47	0.48	0.8	0.8	0.7
Internal Power Supply	●	●	●	●	●
Height Adjustable Stand [mm]	130	130	130	130	130
Other Ergonomics	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width T - B / L - R [mm]	16.8 / 17.9	19.6 / 19.6	19.6 / 19.6	18.0 / 15.5	21.9 / 21.8
Dimensions with stand (W x H x D)	556.2 x 408.9 x 230	639.3 x 417.9 x 230	639.2 x 417.9 x 230	705.8 x 410.4 x 230	686.9 x 472.8 x 230
Weight with stand [kg]	7.5	8.7	8.7	9.6	14
EPEAT™	Gold	Gold	Gold	Gold	Gold
TCO	6.0	6.0	6.0	6.0	6.0
NaViSet	●	●	●	●	●

EA244UHD

NEC is ushering in a new era of visual experience with the MultiSync® EA244UHD.

The EA244UHD is a high performance IPS display with the latest 4K UHD (3840x2160) super resolution and accurate wide colour gamut capability.

Offering the very latest DisplayPort connectivity (UHD at 60Hz), as well as a range of DVI and HDMI inputs, this monitor can be used in many mission critical applications.

	P232W	P242W	PA242W	PA272W	PA302W	PA322UHD
Order Code	60003324 (BK) 60003323 (WH)	60003419 (BK) 60003418 (WH)	60003490 (BK) 60003491 (WH)	60003489 (BK)	60003488 (BK)	60003685 (BK)
Panel Technology	IPS / LED	IPS / LED	AH-IPS / GB-R LED Backlight	AH-IPS / GB-R LED Backlight	AH-IPS / GB-R LED Backlight	IPS Type
Screen Size [inch / cm]	23.0 / 58.4	24.1 / 61.1	24.1 / 61.1	27.0 / 68.5	29.8 / 75.6	31.5 / 80
Aspect Ratio	16:9	16:10	16:10	16:9	16:10	16:9
Colour Gamut AdobeRGB / NTSC [%]	76 / 72	75 / 72	109 / 99	109 / 99	109 / 99	101 / 99
Brightness (typ.) [cd/m²]	250	350	340	340	340	350
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	176 / 176
Response Time (typ. G to G) [ms]	8	8	8	7	7	10
Colours [Mio.]	16.77	16.77	1073	1073	1073	1074
Resolution at 60 Hz	1920 x 1080	1920 x 1200	1920 x 1200	2560 x 1440	2560 x 1600	3840 x 2160
Connectors	DisplayPort, DVI-D, USB, VGA, HDMI (with HDCP)	DisplayPort, DVI-D , USB, VGA, HDMI (with HDCP)	DisplayPort, DVI-D , USB, VGA, HDMI (with HDCP)	DisplayPort, Mini DisplayPort, DVI-D, USB, HDMI (with HDCP)	DisplayPort, Mini DisplayPort, DVI-D, USB, HDMI (with HDCP)	OPS FF, 2 x DisplayPort, 2 x DVI-D, 4 x HDMI, USB ver. 3.0 (3 down / 2up)
Power Use Max / ECO [W]	29 / 18	30 / 17	56 / 28	73 / 37	87 / 47	95 / 48
Power Saving Mode [W]	1	1	2	1.4	1.4	5
Internal Power Supply	●	●	●	●	●	●
Height Adjustable Stand [mm]	150	150	150	150	150	150
Other Ergonomics	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width T - B / L - R [mm]	17.0 / 16.2	18.2 / 18.2	18.2 / 18.2	20.0 / 20.3	22.0 / 22.4	22.5 / 21.9
Dimensions with stand (W x H x D)	543.6 x 337.4 x 227.6	556.8 x 378.0 x 227.6	556.8 x 378.0 x 227.6	640.4 x 396.2 x 235.5	688.0 x 466.4 x 301.6	745 x 469 x 302
Weight with stand [kg]	9.2	10.2	10.6	12.9	17.0	20.5
TCO	5.2	6.0	6.0	-	-	-
NaViSet Administrator 2	●	●	●	●	●	●
MultiProfiler Software	●	●	●	●	●	●
SpectraView II	Optional	Optional	Optional	Optional	Optional	●

PA SERIES

HIGHEST PERFORMANCE
10-BIT AH-IPS PANEL
NEXT GENERATION INPUT

24” W I 27” W I 30” W I 32” W

P SERIES

SUPERIOR PANELS
HIGH RESOLUTION
ADVANCED CONNECTIVITY
DISPLAYPORT
ERGONOMICS

23” W | 24” W

NEC offers a wide-range of healthcare solutions that can help establishments improve performance and diagnostic accuracy and streamline care delivery through sophisticated point-of-care communications systems.

MD SERIES

The NEC MD Series of high end diagnostic displays ensure the highest level of image quality due to the very high brightness, uniformity, contrast and full DICOM Part 14 compliance.

MD211G3	21", 3MP, Grayscale	Medical Diagnostic
MD211G5	21", 5MP, Grayscale	Mammography
MD212G3	21", 3MP, Grayscale	Medical Diagnostic
MD210C2	21", 2MP, Colour	Medical Diagnostic
MD210C3	21", 3MP, Colour	Medical Diagnostic
MD211C2	21", 2MP, Colour	Medical Diagnostic
MD211C3	21", 3MP, Colour	Medical Diagnostic
MD242C2	24". 2MP, Colour	Medical Diagnostic
MD302C4	30" Wide, 4MP, Colour	Medical Diagnostic
MD302C6	30" Wide, 6MP, Colour	Medical Diagnostic
MD322C8	31", 8 MP, Colour	Medical Diagnostic
MD302C6	30" Wide, 6MP, Colour	Medical Diagnostic

MDVIEW

The NEC MDview Series are DICOM Preset colour displays which have been designed with both reliable quality and affordability in mind. Unique built-in firmware features (which you will not find in off-the-shelf or system-bundled LCDs) make MDview displays, which can be calibrated to the DICOM Grayscale Display Function using NEC's GammaCompMD QA software, ideal for all hospital-wide PACS referral/reviewing.

MDview 232	23" Wide, 2.1MP, Colour	Medical Review
MDview 243	24" Wide, 2.3MP, Colour	Medical Review
MDview 272	27" Wide, 3.7MP, Colour	Medical Review

MD462OR

Of particular note is the new MD462OR, a large format operating room display with DICOM calibration, optional integrated single-board computer and full CEMDD compliance, bringing a much-needed digital display enhancement to the operating room.

MD462OR	46" Large Format LCD	Operating Room

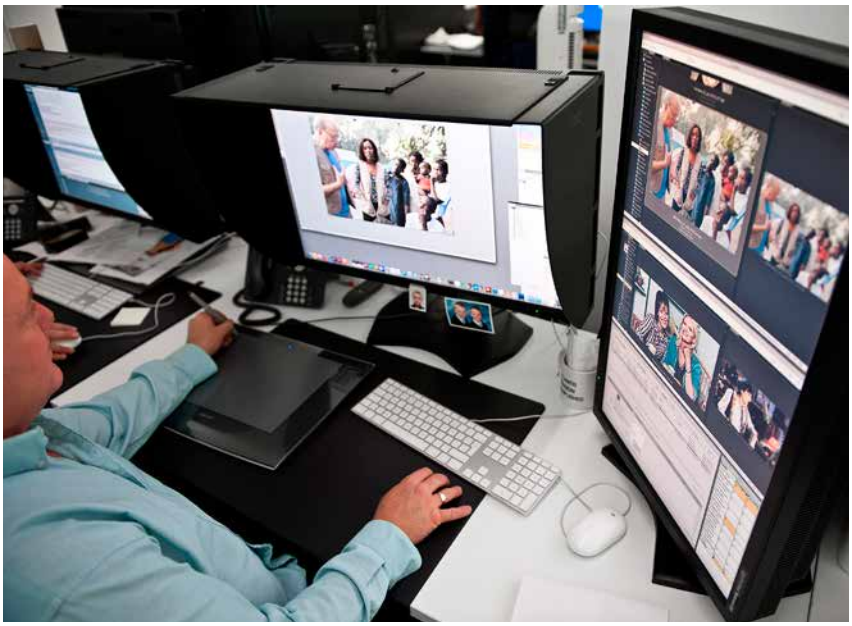
For more detailed information please visit: **www.medical.nec-display-solutions.com**

COLOUR CRITICAL DISPLAYS SpectraView®

The perfect choice for creative professionals. SpectraView® LCDs with the latest AH-IPS panel technology are hand-picked to meet the highest standards for professional applications.

Brilliant picture quality for accurate colour reproduction, precise calibration options with SpectraView® Profiler 5.0 software, Picture in Picture, Integrated USB hub, Backlight Ageing Correction, Wide Colour Gamut, 3D LUT Colour Space Emulation, integrated gamma correction and optimum ergonomics thanks to 150 mm height adjustment.

For more detailed information please visit:
www.spectraview.nec-display-solutions.com



	SV232	SV242	SV272	SV Ref242	SV Ref272	SV Ref302	SV Ref322UHD
Order Code	60003161	60003544	60003546	60003543	60003545	60003547	60003686
Panel Technology	IPS / W-LED	AH-IPS / G-BR LED	AH-IPS / G-BR LED	AH-IPS / G-BR LED	AH-IPS / G-BR LED	AH-IPS / G-BR LED	IPS Type
Screen Size [inch / cm]	23.0 / 58.4	24.1 / 61.1	27.0 / 68.5	24.1 / 61.1	27.0 / 68.5	29.8 / 75.6	31.5 / 80
Aspect Ratio	16:9	16:10	16:9	16:10	16:9	16:10	16:9
Colour Gamut AdobeRGB / NTSC [%]	76 / 72	109 / 99	109 / 99	109 / 99	109 / 99	109 / 99	101 / 99
Brightness (typ.) [cd/m²]	250	340	340	340	340	340	350
Contrast (typ.)	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1	1000:1
Hardware Calibration / Look Up Table	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit	42-bit Colour / 14-bit
Response Time (typ. G to G) [ms]	8	8	8	8	7	7	10
Colours [Mio.]	16.77	1073	1073	1073	1073	1073	1074
Resolution at 60 Hz	1920 x 1080	1920 x 1200	2560 x 1440	1920 x 1200	2560 x 1440	2560 x 1600	3840 x 2160
Connectors	DisplayPort, DVI-D, HDMI (with HDCP), VGA, USB	DisplayPort, DVI-D, HDMI (with HDCP), VGA, USB	DisplayPort, Mini Display-Port, DVI-D, USB, HDMI (with HDCP)	DisplayPort, DVI-D, HDMI (with HDCP), VGA, USB	DisplayPort, Mini Display-Port, DVI-D, USB, HDMI (with HDCP)	DisplayPort, Mini Display-Port, DVI-D, USB, HDMI (with HDCP)	OPS FF, DisplayPort, Mini DisplayPort, DVI-D, USB, HDMI (with HDCP)
Power Use Normal / ECO [W]	29 / 18	56 / 28	73 / 37	56 / 28	73 / 37	87 / 47	95 / 48
Power Saving Mode [W]	1	2	1.4	2	1.4	1.4	5
Internal Power Supply	●	●	●	●	●	●	●
Height Adjustable Stand [mm]	150	150	150	150	150	150	150
Other Ergonomics	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate	Tilt. Swivel, Rotate
Bezel Width T - B / L - R [mm]	17.0 / 16.2	18.2 / 18.2	20.0 / 20.3	18.2 / 18.2	20.0 / 20.3	22.0 / 22.4	21.9 / 22.5
Dimensions with stand (W x H x D)	543.6 x 338.0 x 227.6	556.8 x 378.0 x 227.6	640.4 x 396.2 x 235.5	556.8 x 378.0 x 227.6	640.4 x 396.2 x 235.5	688 x 466.4 x 301.6	745 x 469 x 302
Weight with stand [kg]	9.2	10.6	12.9	10.6	12.9	18.0	20.5
TCO	●	-	-	-	-	-	-
NaViSet Administrator 2	●	●	●	●	●	●	●
SpectraView Profiler Software	●	●	●	●	●	●	●

ALL SV REFERENCE DISPLAYS INCLUDE A HOOD, PERFECT PIXEL WARRANTY, 5 YEARS WARRANTY, UNIFORMITY CERTIFICATION AND WELCOME KIT

GB LED

0* PIXEL DEFECT
*SV Reference Models Only

3 YEARS WARRANTY

REFERENCE
5 YEARS WARRANTY
*SV Reference Models Only

LARGE FORMAT DISPLAYS

As a world leading name in Digital Signage, NEC displays are installed in some of the most challenging and highly visited locations and venues across the world. From 24/7 LED Backlit Displays for Performance Critical Applications to High Performance Value Ranges and Reference Options, NEC lead the market for Signage Solutions you can Trust.

UP TO 5 YEARS OPTIONAL WARRANTY

NEW RELEASES

XUHD SERIES	Large Format Displays with 3840 x 2160 resolution, 24/7 proof
E SERIES	Large Format Displays from 32" to 90"
X474 HB	47" High Brightness Display for sunlight proof operation

ENTRY LEVEL	
E SERIES	Ideal for cost efficient retail signage, conferencing and corporate installations up to 12/7 operation time.
VALUE	
V SERIES	Ideal retail signage, conferencing applications and lobby or reception installations up to 16/7 operation time.
PROFESSIONAL 24/7 REFERENCE	
P SERIES	Designed for a wide array of applications such as retail signage including 24/7, transport applications, control room applications and conference rooms.
SPECIALIST 24/7 REFERENCE	
X SERIES	Ideal for a wide array of applications such as retail signage including 24/7, transport applications, conference rooms, lobby/reception installations and integration in totems and furniture.

For more detailed information please visit: **www.nec-display-solutions.com**

	E325	E424	E505	E554	E585	E654	E705	E805	E905*
Order Code	60003725	60003484	60003727	60003486	60003728	60003487	60003928	60003929	60003930
Panel Technology	S-PVA / Direct LED	VA / Edge LED	S-PVA / Direct LED	VA / Edge LED	S-PVA / Direct LED	VA / Direct LED	UV² A / Edge LED	UV² A / Edge LED	UV² A / Direct LED
Screen Size [inch / cm]	31.5 / 82	42 / 107	50 / 127	55 / 140	58 / 147	65 / 165	70 / 178	80 / 203	90 / 229
Brightness (max.) [cd/m²]	300	350	300	350	350	350	400	350	350
Contrast (typ.)	3.000:1	3.000:1	3.000:1	4.000:1	4000:1	4.000:1	4000:1	5000:1	5000:1
Viewing Angle horizontal / vertical [°]	176 / 176	176 / 176	176 / 176	176 / 176	176 / 176	176 / 176	178/178	178/178	178/178
Response Time (typ. G to G) [ms]	6.5	6.5	8.5	6.5	9.5	6.5	8	4	4
Haze Level (%)	2	2	1	2	1	2	5	5	5
Supported orientation	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape	Landscape
Native Resolution	1366 x 768	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	3 x HDMI (with HDCP), VGA, Component, Composite	3 x HDMI (with HDCP), VGA, Component, Composite	3 x HDMI (with HDCP), VGA, Component, Composite	3 x HDMI (with HDCP), VGA, Component, Composite	3 x HDMI (with HDCP), VGA, Component, Composite	3 x HDMI (with HDCP), VGA, Component, Composite	2 x HDMI (with HDCP), VGA	2 x HDMI (with HDCP), VGA	2 x HDMI (with HDCP), VGA
Power Use Shipping /Max [W]	42 / 53	69 / 86	98 / 122	98 / 122	114 / 143	208 / 260	150 / tbd	230 / tbd	270 / tbd
Power Savings Mode [W]	<0.5	<1	<1	<1	<1	<1	<0.5	<0.5	<1
Dimensions (W x H x D) [mm]	727 x 424 x 77	957 x 573 x 62 (37)	1,123 x 646 x 77	1,241 x 735 x 64 (39)	1,301 x 759 x 109	1,467 x 872 x 100 (72)	1,587 x 920 x 87	1,836 x 1,061 x 87	2,058 x 1,184 x 123
Weight [kg]	4.9	11.7	11.9	11.9	21	30	47	61	81
Bezel Width B /T - L - R [mm]	16.1 /11.9	32.4 / 9.9	14.9 / 11.9	35.9 / 11.9	20.3 / 13.8	47.7 / 18.9	23 / 23	29.7 / 29.7	29.7 / 29.7
Integrated Speakers	2 x 5 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	-	-	-	-	-	-	•	•	•

* Specification subject to change until launch

E SERIES

ENTRY GRADE
AFFORDABLE QUALITY
THIN BEZEL, HDMI, VGA

32" I 42" I 50" I 55" I 58" I 65"
70"I 80" I 90"

	V323	V423	V463	V552	V652	V801
Order Code	60003630	60003397	60003394	60003396	60003395	60003482
Panel Technology	S-IPS / Edge LED	S-IPS / Edge LED	AMVA3 / Edge LED	AMVA3 / Edge LED	AMVA3 / Edge LED	UV² A / Edge LED
Screen Size [inch / cm]	31.5 / 80	42 / 106.68	46 / 117	54.5 / 138.8	64.5 / 163.9	80 / 203.2
Pixel Pitch [mm]	0.511	0.485	0.530	0.630	0.744	0.9225
Brightness (max.) [cd/m²]	450	450	500	450	450	460
Contrast (typ.)	1300:1	1300:1	4000:1	4000:1	4000:1	5000:1
Viewing Angle horizontal / vertical [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	176 / 176
Response Time (typ. G to G) [ms]	8*	12	6.5	6.5	8	6
Haze Level (%)	1	10	11	11	11	5
Supported orientation	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait	Landscape, Portrait
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D In/Out, HDMI (with HDCP), DisplayPort, VGA	DVI-D In/Out, HDMI (with HDCP), DisplayPort, VGA	DVI-D In/Out, HDMI (with HDCP), DisplayPort, VGA	DVI-D In/Out, HDMI (with HDCP), DisplayPort, VGA	DVI-D In/Out, HDMI (with HDCP), DisplayPort, VGA	DVI-D In/Out, HDMI (with HDCP), DisplayPort, VGA
Slot-In Option	OPS	OPS	OPS	OPS	OPS	OPS
Power Use Shipping /Max [W]	50 / 155	88 /220	76 / 205	100 /235	185 / 360	230 / 420
Power Savings Mode [W]	<1	<1	<1	<1	<1	<1
Dimensions (W x H x D) [mm]	786.8 x 476.2 x 93.5	972.5 x 565.4 x 68.3	1058.2 x 612.8 x 65.1	1249.7 x 720.5 x 63.5	1540.4 x 909.2 x 88.3	1836.2 x 1061.3 x 86.2
Weight [kg]	13.0	16.8	18.9	26.5	52.0	60
Bezel Width T - B / L - R [mm]	40.3 / 43.2	18.3 / 18.3	18.3 / 18.3	18.3 / 18.3	50.5 / 53.5	29.7 / 29.7
Integrated Speakers	2 x 8 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	•	•	•	•	•	•

* With overdrive

3 YEARS WARRANTY

V SERIES

COMMERCIAL GRADE
AFFORDABLE QUALITY
DISPLAYPORT, HDMI
FULL HD MODELS

32" | 42" | 46" | 55" | 65" | 80"

	P403	P463	P553	P703	P801
Order Code	60003477	60003478	60003479	60003480	60003481
Panel Technology	S-PVA with Edge LED backlights	S-PVA with Edge LED backlights	S-PVA with Edge LED backlights	UV² A with Edge LED backlight	UV² A with Edge LED backlight
Screen Size [inch / cm]	40 / 101	46 / 116	55 / 138	70 / 177	80 / 203
Brightness (max.) [cd/m²]	700	700	700	700	700
Contrast (typ.)	4000:1	4000:1	4000:1	5000:1	5000:1
Viewing Angle Hor / Ver [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	4
Haze Level (%)	44	44	44	5	5
Supported Orientation	Landscape, Portrait, Face Up, Face Down	Landscape, Portrait, Face Up, Face Down	Landscape, Portrait, Face Up, Face Down	Landscape, Portrait, Face Up, Face Down	Landscape, Portrait, Face Up, Face Down
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Special Connectors	DVI-D, HDMI, DisplayPort In/Out, 2x LAN	DVI-D, HDMI, DisplayPort In/Out, 2x LAN	DVI-D, HDMI, DisplayPort In/Out, 2x LAN	DVI-D, HDMI, DisplayPort In/Out, 2x LAN	DVI-D, HDMI, DisplayPort In/Out, 2x LAN
Slot-In Option	OPS, Interface Extension Slot	OPS, Interface Extension Slot	OPS, Interface Extension Slot	OPS, Interface Extension Slot	OPS, Interface Extension Slot
Power Use Shipping /Max [W	105 / 245	120 / 280	150 / 315	150 / 320	235 / 430
Power Savings Mode [W]	< 1	< 1	< 1	< 1	< 1
Dimensions (W x H x D) [mm]	920.6 x 532.2 x 66.5	1,055.4 x 608.6 x 64.5	1,250.2 x 721 x 64.5	1,587 x 919.6 x 86.9	1,836.2 x 1,061.3 x 86.9
Weight [kg]	17.0	21.4	25.3	47.0	61.5
Bezel Width T - B / L - R [mm]	15.5	16.5	18.5	23.0	29.7
Integrated Speakers	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	•	•	•	•	•

P SERIES

24/7 REFERENCE PERFORMANCE
NFC CHIP INTEGRATED
ADVANCED HEAT MANAGEMENT

40" I 46" I 55" I 70" I 80"

XUN SERIES

VALUE AND REFERENCE MODELS
24/7 TRUSTED PERFORMANCE
NEC FRAMECOMP TECHNOLOGY

46" I 55"

XUHD SERIES

STUNNING "PIXEL-FREE" ERGONOMIC VIEWING
MISSION-CRITICAL 24/7 READY OPERATION
ENHANCED IMAGING PERFORMANCE

65" I 84" I 98"

	X464UNV-2	X464UN-2	X464UNS	X554UN-2	X554UNS	X401S	X462S	X552S	X474HB	X651UHD*	X841UHD	X981UHD
Order Code	60003791	60003790	60003722	60003789	60003673	60003327	60003399	60003329	60003674	60003676	60003675	60003721
Panel Technology	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Direct LED	S-PVA / Edge LED	S-PVA / Edge LED	S-PVA / Edge LED	S-IPS / Direct LED	S-IPS / Edge LED	S-IPS / Edge LED	S-IPS / Direct LED
Screen Size [inch / cm]	46 / 117	46 / 117	46 / 117	55 / 139	55 / 139	40 / 102	46 / 117	55 / 139	47 / 119	65 / 164	84 / 213	98 / 249
Brightness (Max.) [cd/m²]	500	700	700	700	700	700	700	700	2000	450	500	500
Contrast (typ.)	3500:1	3500:1	3500:1	3500:1	3500:1	3500:1	4000:1	4000:1	1300:1	1400:1	1400:1	1300:1
Viewing Angle Hor / Vert [°]	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178	178 / 178
Response Time (typ. G to G) [ms]	8	8	8	8	8	8	8	8	10	12	12	8
Haze Level (%)	44	44	44	44	44	44	44	44	44	10	10	1
Supported Orientation	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait	Landscape, Portrait, Face Up	Landscape, Portrait, Face Up	Landscape, Portrait
Native Resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080	3840 x 2160	3840 x 2160	3840 x 2160
Special Connectors	DVI-D, HDMI (with HDCP), DisplayPort In/Out, VGA	DVI-D, HDMI (with HDCP), DisplayPort In/Out, VGA	DVI-D, HDMI (with HDCP), DisplayPort In/Out, VGA	DVI-D, HDMI (with HDCP), DisplayPort In/Out, VGA	DVI-D, HDMI (with HDCP), DisplayPort In/Out, VGA	DVI-D In/ Out, HDMI (with HDCP), DisplayPort, VGA	DVI-D In/ Out, HDMI (with HDCP), DisplayPort, VGA	DVI-D In/ Out, HDMI (with HDCP), DisplayPort, VGA	DVI-D In/ Out, HDMI (with HDCP), DisplayPort	DVI-D, HDMI (with HDCP), DisplayPort	DVI-D, HDMI (with HDCP), DisplayPort	DVI-D, HDMI (with HDCP), DisplayPort
Slot-In Option	OPS, Interface Extension Slot	OPS, Interface Extension Slot	OPS, Interface Extension Slot	OPS, Interface Extension Slot	OPS, Interface Extension Slot	OPS	OPS	OPS	OPS, Interface Extension Slot	OPS	OPS	OPS
Power Use Shipping /Max [W	90 / 225	120 / 255	120 / 255	150 / 310	150 / 300	110 / 230	110 / 255	160 / 305	190 / 370	140 / 225	380 / 610	435 / 695
Power Use Savings Mode [W]	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1
Dimensions (W x H x D) [mm]	1,024 x 578.6 x 117.3	1,024 x 578.6 x 99.7	1,022 x 576.6 x 101.3	1,215.3 x 686.1 x 99.6	1,213.5 x 684.3 x 100.4	925.1 x 537.1 x 43.3	1,059.3 x 613 x 46.1	1,254.5 x 725.3 x 46.1	1,084 x 628 x 147	1,468 x 843 x 82	1,931 x 1117 x 85	2,204 x 1259 x 108
Weight [kg]	22.8	23.0	20.4	29.2	27.9	14.9	20.7	24.5	26.9	40	70	95
Bezel Width T - B / L - R [mm]	3.8 / 1.8**	3.7 / 1.8 **	2.3 / 1.2	3.7 / 1.8 **	2.3 / 1.2 **	18.0	18.7	20.5	19.3	19	32.6	19.9
Integrated Speakers	-	-	-	-	-	2 x 5 W	2 x 5 W	2 x 5 W	2 x 10 W	2 x 10 W	2 x 10 W	2 x 10 W
NaViSet Administrator 2	•	•	•	•	•	•	•	•	•	•	•	•

* Specification subject to change until launch

** Dimensions may vary due to manufacturing tolerances

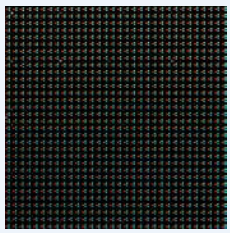
The protection glass displays follow the tradition of NEC's professional large format displays. The high quality Conturan® glass of Schott ensures reduced reflection and high light transmission for an unrestricted view of display content.

	PROTECTIVE GLASS								
MultiSync® Model	V323 PG	P403 PG	P463 PG	P553 PG	P703 PG	P801 PG	X401S PG	X462 PG	X552 PG
Order Code	60003713	60003701	60003702	60003703	60003707	60003708	60003437	60003433	60003432
Base Model	V323	P403	P463	P553	P703	P801	X401S	X462S	X552S
	All specs same as base model except for those listed below								
Dimensions (W x H x D) [mm]	787 x 476 x 99	920 x 532 x 72	1,055 x 608 x 70	1,250 x 721 x 70	1,587 x 919 x 96	1,836 x 1,061 x 96	925 x 537 x 48	1,059 x 613 x 51	1,254 x 725 x 51
Weight [kg]	16.4	21.7	27.7	35.1	64.6	85.2	19.9	27.0	33.5
Bezel Width T-B / L-R (mm)	40.3 / 43.2	15.5 / 15.5	16.5 / 16.5	18.5 / 18.5	23.0 / 23.0	29.7 / 29.7	18.0 / 18.0	18.7 / 18.7	20.5 / 20.5
Glass	4mm Conturan® glass by Schott	4mm Conturan® glass by Schott	4mm Conturan® glass by Schott	4mm Conturan® glass by Schott	5mm Conturan® glass by Schott	5mm Conturan® glass by Schott	4mm Conturan® glass by Schott	4mm Conturan® glass by Schott	4mm Conturan® glass by Schott
Coating	Double sided anti-reflective coating								
Light Transmission [%]	97	97	97	97	97	97	97	97	97
Reflection Rate [%]	<1	<1	<1	<1	<1	<1	<1	<1	<1

Based on the latest touch technology the displays deliver true multi-touch support. Thanks to an anti-reflective coating, reflections are reduced to a minimum which significantly increases the readability of the content shown.

	MULTI TOUCH									
MultiSync® Model	**V423 TM**	**V463 TM**	**V552 TM**	**V652 TM**	**V801TM**	**P403 SST**	**P463 SST**	**P553 SST**	**P703 SST**	**P801 SST**
Order Code	60003550	60003551	60003678	60003553	60003679	60003767	60003768	60003769	60003770	60003766
Base Model	V423	V463	V552 TM	V652	V801TM	P403	P463	P553	P703	P801
	All specs same as base model except for those listed below									
Haze Level	tbd	tbd	tbd	tbd	tbd	9	9	9	9	9
Brightness (max.)	430	480	450	450	460	700	700	700	700	700
Sensor - NFC	-	-	-	-	-	-	-	-	●	●
Power Consumption	95	85	100	185	230	123	138	168	168	253
Dimensions (W x H x D) [mm]	1,008 x 601 x 83	1,095 x 650 x 80	1,294 x 765 x 86	1,540 x 909 x 102	1,842 x 1,067 x 107	1,020 x 610 x 83.1	1,106 x 660 x 82	1,328 x 789 x 79	1,657 x 968 x 105	1,878 x 1,097 x 104
Weight [kg]	24.7	27.7	40.8	68.3	79.9	26.0	32.0	37.0	70	85
Bezel Width T-B / L-R (mm)	32.0 / 32.0	32.8 / 32.8	41.4 / 41.4	50.5 / 53.5	34.8 / 34.8	40.0 / 40.0	40.0 / 40.0	40.0 / 40.0	40.0 / 40.0	40.0 / 40.0
Touch technology	Optical Camera with 4 Cameras		Infrared	Optical Camera with 4 Cameras	Infrared	ShadowSense™				
Protection Glass	4mm	4mm	4mm	5mm	4mm	3mm	3mm	4mm	5mm	5mm
Coating	Double sided anti-reflective coated					Single sided anti-reflective coated				
Touch Points	up to 5 (incl. gesture control)		up to 6	up to 5 (incl. gesture control)	up to 6	up to 6				
Input Method	Finger, Stylus, Glove									
Light Transmission [%]	96	96	96	96	96	92	92	92	92	92
Reflection [%]	2	2	2	2	2	2	2	2	2	2
3 years warranty incl. Backlight	●	●	●	●	●	●	●	●	●	●

LED MODULES



LED MODULES

INDOOR AND OUTDOOR
4MM, 6MM, 10MM, 15MM, 20MM PITCH
IP20 AND IP65
NICHIA LAMPS
SERVICE SOLUTIONS

50 x 50CM MODULES

	LED06AF1	LED06F1V	LED10BF1	LED15BF1	LED20BF1	LED-04AF1
Order Code	60003000	60003557	60003508	60003001	60003511	60003654
Pixel Configuration	3-in-1 SMD (Black)	3-in-1 SMD (White)	3-in-1 SMD (Black)	1R / 1G / 1B discrete LED	1R / 1G / 1B discrete LED	3-in-1 SMD (Black)
Number of Pixel per Tile [dot]	80 x 80	80 x 80	48 x 48	32 x 32	24 x 24	64 x 64
Number of Pixel per m^2	160 x 160	160 x 160	96 x 96	64 x 64	48 x 48	213 x 213
Pixel Pitch [mm]	6.25	6.25	10.417	15.625	20.83	4.69
Brightness (typ.) [cd/m^2]	2000	3000	6000	7500	7500	2000
Contrast Ratio (typ.)	3500:1	2000:1	4000:1	4500:1	4500:1	2000:1
Viewing Angle Hor / Vert [°]	±75-75 / ±70-70	±80-80 / ±70-70	±80-80 / ±50-60	±75-75 / +15 to -30	±65 / 18-40	±75-75 / ±70-70
Colour Processing	14 bit	14 bit	16 bit	16 bit	16 bit	14 bit
Dimming Capability	64 level	64 level	64 level	64 level	64 level	64 level
Gamma Correction	1.8 / 2.0 / 2.2 (Default) / 2.4	1.8 / 2.0 / 2.2 (Default) / 2.4	1.8 / 2.0 / 2.2 (Default) / 2.4	1.8 / 2.0 / 2.2 (Default) / 2.4	1.8 / 2.0 / 2.2 (Default) / 2.4	1.8 / 2 / 2.2 (Default) / 2.4
Colour Temperature [K]	3200, 5000, 6500 (default), 7500, 9300	3200, 5000, 6500 (default), 7500, 9300	3200, 5000, 6500 (default), 7500, 9300	3200, 5000, 6500 (default), 7500, 9300	3200, 5000, 6500 (default), 7500, 9300	3200; 5000; 6500 (default); 7500; 9300
Refresh Rate	1920 Hz	1920 Hz	19200 Hz	19200 Hz	19200 Hz	> 1920 Hz
Digital Inputs	DVI-D Dual Link In/Out	DVI-D Dual Link In/Out	Circular, DVI-D RS-422	DVI-D Dual Link In/Out	Circular, DVI-D RS-422	Circular, DVI with RS-422
Power Use on Mode [W]	235W (Full White); 75W (50% grey level)	130W (Full White); 60W (50% grey)	145W (Full White); 65W (50% grey)	135W (Full White); 45W (50% grey level)	135W (Full White); 45W (50% grey)	135W (Full White); 45W (50% grey)
Dimensions (W x H x D) [mm]	500 x 500 x 170	500 x 500 x 170	500 x 500 x 190	500 x 500 x 190	500 x 500 x 188	300 x 300 x 120
Weight [kg]	12.7	12.7	12.8	14.0	13.6	3
IP Level	IP20	IP20	IP65	IP65	IP65	IP2

* Specification subject to change until launch

REFERENCE

3 YEARS WARRANTY

	VD1	VP1
Video Input Connection	DVI-D	HDMI x 2, 5-RCA, 5-BNC, Mini D-sub15p, RCA, Mini Din 4pin
Optimum Resolution	1024 x 768 at 60Hz	1024 x 768 at 60Hz
Output Connectors	DVI-D x 8 with RS-422 control for LED modules DVI-D x 1 for cascade connection of video distributor	DVI-D, Control: RS232C (D-Sub 9P), 19.200 bps
Latency	Within 1 Frame	Within 1 Frame
Dimensions W x H x D [mm]	480 x 98 x 325	480 x 95 x 340
Weight [kg]	4.6	3.2
Power Use on Mode [W]	15	16
Operating Temperature [°C]	-20 to 40	5 to 35
Operating Humidity [%]	10 to 90	10 to 90
Storage Temperature [°C]	-30 to 60	0 to 60
Storage Humidity [%]	10 to 90	10 to 90

MOUNTING SOLUTIONS

WALL MOUNT v LARGE FORMAT DISPLAY MODEL		X464UN-2	X554UN-2	X464UNS	X554UNS	X464UNV-2	X401S (PG)	X462S (PG)	X552S (PG)	X474HB	X651UHD	X841UHD	X981UHD	P403	P463	P553	P703	P801	P403 DST/SST	P463 DST/SST	P553 DST/SST	P703 SST	P801 SST	V323 (PG)	V423	V463	V552	V652	V801	V423 TM	V463 TM	V552 TM	V652 TM	V801 TM	E325	E425	E505	E585	E654	E705	E805
PRODUCT NAME																																										
WALL MOUNTS	ORDER CODE	COMPATIBILITY																																									
PDW S 32-55 L	100012666	o	o	o	o	o	●	●	●	●	-	-	-	●	●	●	-	-	●	●	-	-	-	●	●	●	●	-	-	●	-	●	-	-	-	●	●	-	-	-	-
PDW S 32-55 P	100012665	o	o	o	o	o	●	●	●	●	-	-	-	●	●	●	-	-	●	●	-	-	-	●	●	●	●	-	-	●	-	●	-	-	-	-	-	-	-	-	-
PDW T M L *	100013089	●	●	●	●	●	●	●	●	●	-	-	-	●	●	-	-	-	●	●	-	-	-	●	●	●	-	-	-	●	●	-		-	●	●	-	-	-	-	-
PDW T M P *	100013088	●	●	●	●	●	●	●	●	●	-	-	-	●	●	-	-	-	●	●	-	-	-	●	●	●	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-
PDW T L L *	100013091	●	●	●	●	●	●	●	●	●	●	-	-	●	●	●	-	-	●	●	●	-	-	-	●	●	●	●	-	●	●	●	●	-	-	●	●	●	●	-	-
PDW T L P *	100013090	●	●	●	●	●	●	●	●	●	●			●	●	●	-	-	●	●	●	-	-	-	●	●	●	●	-	●	●	●	●	-	-	-	-	-	-	-	-
PDW T XL	100013412	-	-	-	-	-	-	●	●	●	●	●	●	-	●	●	●	●	-	●	●	●	●	-	-	●	●	●	●	-	●	●	●	●	-	-	●	●	●	●	●
PDWXS 46 55 L	100012829	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CEILING MOUNTS	ORDER CODE	COMPATIBILITY																																								
PD01CMS****	100013587	-	-	-	-	-	●	●	●	●	-	-	-	●	●	●	-	-	-	-	-	-	-	●	●	●	●	-	-	-	-	-	-	-	-	●	●	●	-	-	-
PD01CMB****	100013604	-	-	-	-	-	●	●	●	●	-	-	-	●	●	●	-	-	-	-	-	-	-	●	●	●	●	-	-	-	-	-	-	-	-	●	●	●	-	-	-
VIDEOWALL MOUNTS	ORDER CODE	COMPATIBILITY																																								
PD03VWXUN 46 L	100013836	●	-	●	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PD02VWXUN 46 P	100013835	●	-	●	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVWXUN 55 L	100012784	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVWXUN 55 P	100012783	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PD02VW 46 55 L**	100013263	●	●	●	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-	-	-	o	o	o	o	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVW MFS 46 55 L	100012730	●	●	●	●	●	-	●	●	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	o	o	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PDVW MFS 46 55 P	100012915	●	●	●	●	●	-	●	●	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	o	o	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PD02VW MFS 46 55 L**	100013100	●	●	●	●	●	●	●	●	-	-	-	-	●	●	●	-	-	-	-	-	-	-	-	o	o	o	o	-	-	-	-	-	-	-	-	-	-	-	-	-
PD02VW MFS 46 55 P**	100013099	●	●	●	●	●	-	●	●	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	o	o	o	o	-	-	-	-	-	-	-	-	-	-	-	-	-
MOBILE MOUNTING SOLUTIONS	ORDER CODE	COMPATIBILITY																																								
PDMHM-L	100013383	o	o	o	o	o	●	●	●	-	●	-	-	●	●	●	●	●	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	-	●	●	●	●	●	●	●
PDMVC	100013379	o	o	o	o	o	-	●	●	-	●	-	-	-	●	●	-	-	-	●	●	-	-	-	-	●	●	●	-	●	●	●	-	-	-	-	-	-	-	-	-	-
PD02VWM 2x2 46 55 L	100013865	●	●	●	●	●	-	●	●	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	o	o	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PD02VWM 3x3 46 55 L	100013866	●	●	●	●	●	-	●	●	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	o	o	-	-	-	-	-	-	-	-	-	-	-	-	-	-
easyFrame 02 X46UN	SOLD AS KITS***	●	-	●	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
easyFrame X55UN	SOLD AS KITS***	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
HEIGHT-ADJUSTABLE SOLUTIONS	ORDER CODE	COMPATIBILITY																																								
PDWHM-M	100013378	-	-	-	-	-	-	●	●	-	-	-	-	-	●	●	-	-	-	●	●	-	-	-	-	●	●	-	-	●	●	●	-	-	-	-	●	●	-	-	-
PDWHM-L	100013377	-	-	-	-	-	-	-	-	-	●	●	-	-	-	-	●	●	-	-	-	●	●	-	-	-	-	●	●	-	-	-	●	●	-	-	-	-	●	●	●
PDMHA	100013365	-	-	-	-	-	-	●	●	-	●	●	●	-	●	●	●	●	-	●	●	●	●	-	-	●	●	●	●	-	●	●	●	●	-	-	●	●	●	●	●

VIDEOWALL ACCESSORIES		X464UN-2	X554UN-2	X464UNS	X554UNS	X464UNV-2
PRODUCT NAME						
ACCESSORY	ORDER CODE	COMPATIBILITY				
KT-46UN-OF2	100012993	●	-	-	-	-
KT-46UN-OF3	100013619	-	-	-	-	●
KT-46UN-OF4	100013833	-	-	●	-	-
KT-55UN-OF	100012785	-	●	-	-	-
KT-55UN-OF2	100013620	-	-	-	●	-
HUMAN SENSOR KIT (KT-RC2)	100013487	●	●	●	●	●
		Compatible with P Series				
CALIBRATION KIT (KT-LFD-CC-2)	40000847	●	●	●	●	●

* Optional Connector Kits easily connect mounts to create multi-monitor menuboard configurations. To find the right configuration of mounts and connectors, refer to the product datasheet.

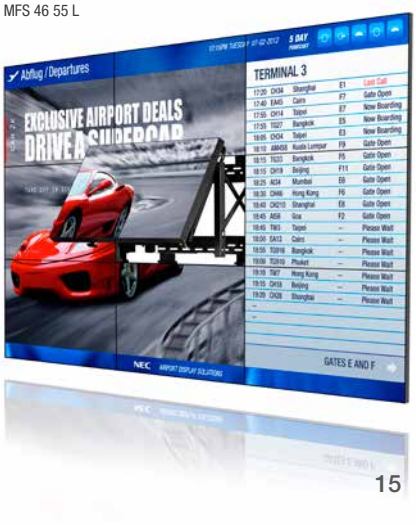
** Optional Connector Kits eliminate on-site calculations. To find the right configuration of mounts and connector, refer to the product datasheet.

*** Please contact NEC for the order codes of a specific easyFrame configuration.

***** Ceiling Plate and Ceiling Column have to be ordered separately.

●	Perfect Compatibility
o	Compatibility is Possible
-	Not Compatible

3x3 Videowall with PD02VW MFS 46 55 L



SPEAKER I STAND

SPEAKER COMPATIBILITY

SPEAKER v MODEL		X464UN-2	X554UN-2	X464UNS	X554UNS	X464UNV-2	X401S (PG*)	X462S (PG*)	X552S (PG*)	X474HB	X651UHD	X841UHD	X981UHD	P403	P463	P553	P703	P801	P403 DST/SST	P463 DST/SST	P553 DST/SST	P703 SST	P801 SST	V323 (PG)	V423	V463	V552	V652	V801	V423 TM	V463 TM	V552 TM	V652 TM	V801 TM	E325	E425	E505	E585	E654	E705	E805
PRODUCT NAME																																									
SPEAKER	ORDER CODE	COMPATIBILITY																																							
SP-RM1	100012663	○	●	○	○	○	-	○	○	○	●	●	●	-	○	○	●	●	-	○	○	●	●	-	-	○	○	○	○	-	○	○	○	○	-	-	-	-	-	●	●
SP-RM2	100012728	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	○	-	-	-	-	○	-	-	-	-	-	-	-	-	-	-	-
SP-TF1	100013520	●	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-	●	●	●	●	-	●	●	●	●	-	-	-	-	-	●	●
SP-46SM	100013413	-	-	-	-	-	-	●	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SP-55SM	100013463	-	-	-	-	-	-	-	●	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SP-65SM	100013556	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	●	-	-	-	-	-	-	-	-
SP-70SM	100013899	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-
SP-80SM	100013414	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	●
Speakers Built-In		-	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
No Speaker Option		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●	●	-	-

* High-end Speakers (SP-xxSM) are not compatible with Protective Glass Displays.

MultiSync® V801 with High-End Speaker SP-80SM

High-End Speaker SP-55SM

Rear-mounted Speaker SP-RM1

●	Perfect Compatibility
○	Integrated, bulge from surface of back cover
●	Uneven from surface of display front
-	Not Compatible

STAND COMPATIBILITY

FEET v MODEL		X464UN-2	X554UN-2	X464UNS	X554UNS	X464UNV-2	X401S (PG*)	X462S (PG*)	X552S (PG*)	X474HB	X651UHD	X841UHD	X981UHD	P403	P463	P553	P703	P801	P403 DST/SST	P463 DST/SST	P553 DST/SST	P703 SST	P801 SST	V323 (PG)	V423	V463	V552	V652	V801	V423 TM	V463 TM	V552 TM	V652 TM	V801 TM	E325	E425	E505	E585	E654	E705	E805
PRODUCT NAME																																									
FEET	ORDER CODE	COMPATIBILITY																																								
ST-322	100013034	●	-	●	-	●	●	-	-	-	-	-	-	●	●	-	-	-	●	●	-	-	-	●	●	●	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-
ST-4020	100012203	-	-	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST-4620	100012205	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	-	-	-	●	●	-	-	-	-	-	-	-	-	-	-
ST-5220	100012201	-	●	-	●	-	-	-	●	-	-	-	-	-	-	●	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
ST-651	100012828	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	●	-	-	-	-	-	-	-	-	-
ST-801	100013328	-	-	-	-		-	-	-	-	-	●	●	-	-	-	●	●	-	-	-	●	●	-	-	-	-	●	-	-	-	-	●	-	-	-	-	-	●	●
ST-32E	100013911	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-	-
ST-42E	100013944	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-	-
ST-50E	100013945	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-	-
ST-58E	100013910	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-
Feet Included		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-
No Feed Option		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

SLOT-IN OPTIONS

OPTION BOARD v LARGE FORMAT MODEL			X464UNV-2	X464UN-2	X464UNS	X554UN-2	X554UNS	X401S (PG)	X462S (PG)	X552S (PG)	P403	P463	P553	P703	P801	P403 DST/SST	P463 DST/SST	P553 DST/SST	P703 SST	P801 SST	V323 (PG)	V423	V463	V552	V652	V801
PRODUCT NAME																										
SLOT OPTION	FORMAT	ORDER CODE	OPS and Interface Extension					OPS			OPS and Interface Extension										OPS					
Celeron N2807 2 x 1.58 GHz*	OPS	100013752	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Celeron 2000E 2 x 2.2GHz*	OPS	100013751	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Core i3 4100E 2 x 2.4 GHZ*	OPS	100013808	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Core i5 4400E 2 x 2.7 GHz*	OPS	100013594	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Core i7 4700EQ 4 x 2.4 GHz*	OPS	100013595	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HD-SDI 1.5G	OPS	100012893	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HD-SDI 3G	OPS	100012947	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
OPS Digital Signage Player	OPS	100013538	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wireless Display Media Player	OPS	100013353	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HDBaseT Receiver	OPS	100013612	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Analog Video Expansion Board	Interface Extension	100013510	●	●	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-
BNC Expansion Board		100013511	●	●	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-
Digital Video Expansion Board		100013512	●	●	●	●	●	-	-	-	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-

OPTION BOARD v LARGE FORMAT MODEL			V423 TM	V463 TM	V552 TM	V652-TM	V801 TM	E325	E425	E505	E585	E654	E654	E705	E805	X651UHD	X841UHD	X981UHD
PRODUCT NAME																		
SLOT OPTION	FORMAT	ORDER CODE	OPS					no Slot								OPS		
Celeron N2807 2 x 1.58 GHz*	OPS	100013752	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Celeron 2000E 2 x 2.2 GHz*	OPS	100013751	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Core i3 4100E 2 x 2.4 GHZ*	OPS	100013808	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Core i5 4400E 2 x 2.7 GHz*	OPS	100013594	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Core i7 4700EQ 4 x 2.4 GHz*	OPS	100013595	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HD-SDI 1.5G	OPS	100012893	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HD-SDI 3G	OPS	100012947	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
OPS Digital Signage Player	OPS	100013538	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wireless Display Media Player	OPS	100013353	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HDBaseT Receiver	OPS	100013612	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Analog Video Expansion Board	Interface Extension	100013510	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
BNC Expansion Board		100013511	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Digital Video Expansion Board		100013512	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

●	Compatible
●	Compatible using external OPS Standalone Adaptor
-	Not Compatible

OPTION BOARD v PROJECTOR MODEL			PH1400U	PH1000U	PX700W	PX750U	PX800X	PX602UL	PX602WL
PRODUCT NAME									
SLOT OPTION	FORMAT	ORDER CODE	OPS						
Celeron N2807 2 x 1.58 GHz*	OPS	100013752	●	●	●	●	●	●	●
Celeron 2000E 2 x 2.2 GHz*	OPS	100013751	●	●	●	●	●	●	●
Core i3 4100E 2 x 2.4 GHZ*	OPS	100013750	●	●	●	●	●	●	●
Core i5 4400E 2 x 2.7 GHz*	OPS	100013594	●	●	●	●	●	●	●
Core i7 4700EQ 4 x 2.4 GHz*	OPS	100013595	●	●	●	●	●	●	●
HD-SDI Internal 1.5G	OPS	100012893	●	●	●	●	●	●	●
HD-SDI Internal 3G	OPS	100012947	●	●	●	●	●	●	●
OPS Digital Signage Player	OPS	100013538	●	●	●	●	●	●	●
Wireless Display Media Player	OPS	100013353	●	●	●	●	●	●	●
HDBaseT Receiver	OPS	100013612	●	●	●	●	●	●	●
HDBaseT Sender	OPS	100013613	●	●	●	●	●	●	●

*Please note that all other Slot-in PC configurations have the same compatibility characteristics.

OPS SLOT-IN PC

OPS HD-SDI BOARD

PROJECTORS

NC1100L
www.digital-cinema-nec.com

New High Brightness, Heavy Duty Installation models, which draw upon NEC's leadership in the Digital Cinema market combined with a comprehensive range of Mobile, Conventional and Specialist Projectors for the Classroom or Corporate.

With a traditional focus on Education, many of our Projectors include Special Education warranties and solutions and we bundle free software that helps you get connected, share content or make up for a lost remote control. More information on NEC Education Solutions is available at:
www.education-nec.com

UP TO 5 YEARS OPTIONAL WARRANTY

EDU SOLUTIONS

NEW RELEASES

M2 SERIES	Higher Brightness M322 H
UM SERIES	higher Brightness, Longer lamp Life
PX SERIES	Installation projectors
NC1100L	World's first compact Digital Cinema projector using Laser Light Source

LED MOBILE	
L SERIES	Ideal for presentation on the move, ultra-light weight and elegant
VALUE	
V SERIES	Ideal for classrooms, (small) meeting rooms, cross-use (private/professional), mobile/cooperative applications
MULTIPURPOSE	
M SERIES	Suited for classrooms and small to medium sized meeting rooms
ULTRA SHORT THROW AND INTERACTIVE VERSION	
UM SERIES	Ideal for meeting rooms and digital signage applications, as well as for classrooms
UMi SERIES	
PROFESSIONAL	
P SERIES	Best solution for larger meeting rooms and university lecture halls
PROFESSIONAL ADVANCED	
PA SERIES	Ideal for corporate, high education and rental
PROFESSIONAL EXTREME	
PX SERIES	Ideal for rental / staging, large corporate, high education, conference room, museum and signage
PROFESSIONAL HIGH END	
PH SERIES	Best solution for rental/staging, high education and digital signage
DIGITAL CINEMA	
NC SERIES	World leading cinema projectors for multi-national chains or single venues.

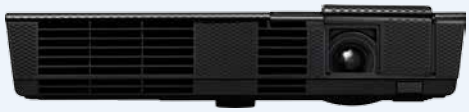
For more detailed information please visit:
www.nec-display-solutions.com

	L102W LED
Order Code	60003452
Display	DLP 1x 1.14 cm (0.45") DMD Chip
Aspect Ratio	16:10
Native Resolution	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	1000
Contrast Ratio	10000:1
Projection Factor	1.4 : 1
Projection Distance [m]	0.52 – 3
Projection Angle [°]	13.8
Screen Size (min / max) [cm (inch)]	43.2 / 254 (17 / 100)
Zoom / Focus	Digital / Manual
Connectors	HDMI, SD Card, USB A, USB mini-B, RGB In, Video, 1 x Audio In, 1 x Audio Out, optional WLAN
Power Use [W AC] Normal / ECO / Stand-By / Power-Saving	107 / 84 / - / 0.5
Dimensions (W x H x D) [mm]	238 x 44 x 177
Weight [kg]	1.36
Speakers (mono) [W]	1 x 2

3 YEARS WARRANTY

6 MONTHS FOR LAMP

ECO INNOVATION



L SERIES

500 | 1000 ANSI LUMEN
WXGA

STYLISH DESIGNER LINES
LED LIGHT SOURCE
LIGHTWEIGHT
PC-LESS PRESENTATION
SD CARD READER
SPEAKER

V SERIES

2300 | 2600 | 2800 | 3100
ANSI LUMEN

VALUE RANGE
DLP COLOUR PERFORMANCE
UP TO 5000 HOURS LAMP LIFE (ECO)
LAN CONNECTIVITY (SOME MODELS)
SPEAKERS

	V230X	V260	V260X	V281W	V311W	V311X
Order Code	60003177	60003176	60003178	60003635	60003636	60003637
Display	DLP 1 x 1.4 cm (0.55") DDR DMD Chip	DLP 1 x 1.4 cm (0.55") DDR DMD Chip	DLP 1 x 1.4 cm (0.55") DDR DMD Chip	1 x 1.65 cm (0.65") DMD Chip	1 x 1.65 cm (0.65") DMD Chip	1 x 1.4 cm (0.55") DMD Chip
Aspect Ratio	4:3	4:3	4:3	16:10	16:10	4:3
Native Resolution	1024 x 768 (XGA)	800 x 600 (SVGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	2300	2600	2600	2800	3100	3100
Contrast Ratio	2000:1	2000:1	2000:1	3000:1	3000:1	3000:1
Projection Factor	1.95 – 2.15 : 1	1.95 – 2.15 : 1	1.95 – 2.15 : 1	1.55 – 1.7 : 1	1.55 – 1.7 : 1	1.94 – 2.13 : 1
Projection Distance [m]	1.2 – 13	1.2 – 13	1.2 – 13	1 – 11	1 – 11	1.2 – 13
Projection Angle [°]	12.8 - 14.0	12.8 - 14.0	12.8 - 14.0	12.9 - 14.1	12.9 - 14.1	12.8 - 14 .0
Screen Size (min / max) [cm (inch)]	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)	76 / 762 (30 / 300)
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectors	RGB In, PC Control, 1 x RGB out, S-Video, Video, 1 x Audio In	RGB In, PC Control, 1 x RGB out, S-Video, Video 1 x Audio In	HDMI, 2 x RGB In, PC Control, LAN, 1 x RGB out, S-Video, Video, Audio: 2 x In, 1 x Out	HDMI, 2 x RGB In, PC Control, LAN, 1x RGB out, S-Video, Video, Audio: 3x In, 1x Out	HDMI, 2 x RGB In, PC Control, LAN, 1x RGB out, S-Video, Video, Audio: 3x In, 1x Out	HDMI, 2 x RGB In, PC Control, LAN, 1x RGB out, S-Video, Video, Audio: 3x In, 1x Out
Power Use [W AC] Normal / ECO / Stand-By / Power-Saving	233 / 210 / - / 0.8	233 / 210 / - / 0.8	233 / 210 / - / 0.8	268 / 210 / - / 0.5	268 / 210 / - / 0.5	268 / 210 / - / 0.5
Lamp Life Normal / ECO [hrs.]	3500 / 5000	3500 / 5000	3500 / 5000	3000 / 5000	3000 / 5000	3000 / 5000
Dimensions (W x H x D) [mm]	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247	310 x 95 x 247
Weight [kg]	2.5	2.5	2.5	2.5	2.5	2.5
Speakers (mono) [W]	1 x 7	1 x 7	1 x 7	1 x 7	1 x 7	1 x 7
TCO	●	-	●	-	-	-
Education Warranty Available	-	-	●	●	●	●
NaViSet Administrator 2	●	●	●	●	●	●

	M311X	M311W	M322X	M322H	M322W	M362X	M362W
Order Code	60003405	60003407	60003454	60003888	60003454	60003457	60003577
Display	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	1 x 1.65 cm (0.65") DMD Chip	1 x 1.65 cm (0.65") DMD Chip - DLP™	1 x 1.65 cm (0.65") DMD Chip	1 x 1.65 cm (0.65") DMD Chip	1 x 1.65 cm (0.65") DMD Chip
Aspect Ratio	4:3	16:10	16:10	16:9	16:10	4:3	16:10
Native Resolution	1024 x 768 (XGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1920 x 1080 (Full HD)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	3100	3100	3200	3200	3200	3600	3600
Contrast Ratio	3000:1	3000:1	10000:1	8000:1	10000:1	10000:1	10000:1
Projection Factor	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.2 – 2.04 : 1	1.2 – 2.1 : 1	1.2 – 2.04 : 1	1.2 – 2.04 : 1	1.2 – 2.04 : 1
Projection Distance [m]	0.6 – 13.8	0.7 – 14.7	0.76 – 13.53	0.74 – 14.08	0.76 – 13.53	0.76 – 13.53	0.76 – 13.53
Projection Angle [°]	6.5 – 11.4	6.5 – 11.4	10.5 - 17.6	9.9 - 17.9	10.5 - 17.6	10.5 - 17.6	10.5 - 17.6
Screen Size (min / max) [cm (inch)]	63.5 / 762 (25 / 300)	63.5 / 762 (25 / 300)	76.2 - 762 (30 - 300)	76.2 - 762 (30 - 300)	76.2 - 762 (30 - 300)	76.2 - 762 (30 - 300)	76.2 - 762 (30 - 300)
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual	Manual / Manual
Connectors	HDMI, 2 x RGB In, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	HDMI, 2 x RGB In, S-Video, 2 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 3 In, 1 Out, Optional WLAN	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 1 In, 1 Out, Optional WLAN	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x B, LAN, PC Control, 1 x RGB out, Video, Audio: 1 In, 1 Out, Optional WLAN	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync
Power [W AC] Hi-Bright / Normal / ECO / Stand-By / Power-Saving	239 / 193 / 172 / 8 / 0.4	302 / 236 / 211 / 8 / 0.4	- / 224 / 202 / 2.9 / 0.4	335 /278 / 246 /2.9 / 0.4	- / 224 / 202 / 2.9 / 0.4	315 / 244 / 242 / 3.9 / 0.4	315 / 244 / 242 / 3.9 / 0.4
Lamp Life Normal / ECO [hrs.]	6000 / 10000	5000 / 8000	5500 / 8000	5500 / 8000	3500 / 8000	5000 / 8000	3500 / 8000
Dimensions (W x H x D) [mm]	339 x 99 x 257	339 x 99 x 257	367.9 x 97.5 x 285.9	367.9 x 107.5 x 291.3	367.9 x 97.5 x 285.9	367.9 x 97.5 x 285.9	367.9 x 97.5 x 285.9
Weight [kg]	2.99	2.99	3.48	3.7	3.48	3.48	3.6
Speakers (mono) [W]	1 x 10	1 x 10	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
TCO	●	●	-	-	-	-	-
Education Warranty Available	●	●	●	●	●	●	●

	M402X	M402W	M402H	M302WS	M332XS	M352WS
Order Code	60003458	60003455	60003692	60003578	60003580	60003461
Display	1 x 1.4 cm (0.55") 2x LVDS DMD Chip	1 x 1.65 cm (0.65") DMD Chip	1 x 1.65 cm (0.65") DMD Chip	1 x 1.65 cm (0.65") DMD Chip	1 x 1.4 cm (55") DMD Chip	1 x 1.65 cm (0.65") DMD Chip
Aspect Ratio	4:3	16:10	16:9	16:10	4:3	16:10
Native Resolution	1024 x 768 (XGA)	1280 x 800 (WXGA)	1920 x 1080 (Full HD)	1280 x 800 (WXGA)	1024 x 768 (WXGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	4000	4000	4000	3000	3300	3500
Contrast Ratio	10000:1	10000:1	10000:1	10000:1	10000:1	10000:1
Projection Factor	1.5 – 2.5 : 1	1.2 – 2.04 : 1	1.2 – 2.1 : 1	0.45:1	0.56:1	0.45:1
Projection Distance [m]	0.9 – 16	0.76 – 13.53	0.74 – 14.08	0.56 – 1.48	0.68 – 1.76	0.56 – 1.48
Projection Angle [°]	10.5 - 17.6	10.5 - 17.6	9.9 - 17.9	40.7 - 40.9	40.7 - 40.9	40.7 - 40.9
Screen Size (min / max) [cm (inch)]	76.2 - 762 (30 - 300)	76.2 - 762 (30 - 300)	76.2 - 762 (30 - 300)	152.4 / 381 (60 / 150)	152.4 / 381 (60 / 150)	152.4 / 381 (60 / 150)
Zoom / Focus	Manual / Manual	Manual / Manual	Manual / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectors	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync	2 x HDMI, 1 x RGB In, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Video, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1x 3D Sync	2 x HDMI, 1 x RGB In, 1 x Video, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1 x 3D Sync	2 x HDMI, 1 x RGB In, 1 x Video, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1 x 3D Sync	2 x HDMI, 1 x RGB In, 1 x Video, 1 x USB A, 1 x USB B, LAN, PC Control, 1 x RGB out, Audio: 2 In, 1 Out, Optional WLAN, 1x Microphone In, 1 x 3D Sync
Power [W AC] Hi-Bright / Normal / ECO / Stand-By / Power-Saving	335 / 278 / 246 / 2.9 / 0.4	335 / 278 / 246 / 2.9 / 0.4	335 / 278 / 246 / 2.9 / 0.4	286 / 224 / 202 / 2.9 / 0.4	335 / 278 / 246 / 2.9 / 0.4	335 / 278 / 246 / 2.9 / 0.4
Lamp Life Normal / ECO [hrs.]	5000 / 8000	3500 / 8000	3500 / 8000	5500 / 8000	5000 / 8000	5000 / 8000
Dimensions (W x H x D) [mm]	367.9 x 97.5 x 285.9	367.9 x 97.5 x 285.9	367.9 x 107.5 x 291.3	368 x 97 x 286	368 x 97 x 286	368 x 97 x 286
Weight [kg]	3.6	3.6	3.7	3.6	3.7	3.6
Speakers (mono) [W]	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20	1 x 20
TCO	-	-	-	-	-	-
Education Warranty Available	●	●	●	●	●	●

M SERIES

MULTI-PURPOSE ECO PROJECTION
FLEXIBLE INSTALLATION
AV MUTE SLIDABLE COVER OR BUTTON
UP TO 6000 HOURS LAMP LIFE (ECO)
MATCHED FILTER AND LAMP CHANGE

2700 | 3000 | 3100 | 3200 | 3300 | 3500 | 3600 | 4000 | 4200 ANSI LUMEN
XGA | WXGA | FULL HD
STANDARD THROW | SHORT THROW

	Multi-Pen			
	UM351Wi	**UM351W**	**UM301Wi**	**UM301W**
Order Code	60003910	60003842	60003908	60003842
Display	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA
Aspect Ratio	16:10	16:10	16:10	16:10
Native Resolution	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen]	3500	3500	3000	3000
Contrast Ratio	4000:1	4000:1	4000:1	4000:1
Projection Factor	0.36 : 1	0.36 : 1	0.36 : 1	0.36 : 1
Projection Distance [m]	0.11 - 0.51	0.11 - 0.51	0.11 - 0.51	0.11 - 0.51
Projection Angle [°]	49.2	49.2	49.2	49.2
Screen Size (min / max) [cm (inch)]	147.3 / 279.4 (58 / 110)	147.3 / 279.4 (58 / 110)	147.3 / 279.4 (58 / 110)	147.3 / 279.4 (58 / 110)
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectors	2 x HDMI, 1 x RGB In, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, 3 x Audio In, 1 x Microphone In, 1 x Audio Out, WLAN optional	2 x HDMI, 1 x RGB In, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, 3 x Audio In, 1 x Microphone In, 1 x Audio Out, WLAN optional	2 x HDMI, 1 x RGB In, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, 3 x Audio In, 1 x Microphone In, 1 x Audio Out, WLAN optional	2 x HDMI, 1 x RGB In, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, 3 x Audio In, 1 x Microphone In, 1 x Audio Out, WLAN optional
Power [W AC] Hi-Bright / Normal / ECO / Stand-By / Power-Saving	337 / 257 / 214 / 2.4 / 0.4	337 / 257 / 214 / 2.4 / 0.4	297 / 227/ 190 / 2.4 / 0.4	297 / 227 / 190 / 2.4 / 0.4
Lamp Life Normal / ECO [hrs.]	5000 /6000	5000 / 6000	5000 / 6000	5000 / 6000
Dimensions (W x H x D) [mm]	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428
Weight [kg]	5.6	5.6	5.5	5.5
Speakers (mono) [W]	1 x 20	1 x 20	1 x 20	1 x 20
Education Warranty Available	•	•	•	•

UM SERIES

PROFESSIONAL ULTRA SHORT THROW
ECO PROJECTION WITHOUT COMPROMISE
INTUITIVE USER-CENTRIC OPERATION
PRESENT WITH LESS GLARE AND SHADOW
0.36:1 THROW RATIO
GREAT CONNECTIVITY

2800 | 3300 ANSI LUMEN
XGA | WXGA
ULTRA SHORT THROW

	Multi-Pen			
	UM361Xi	**UM361X**	**UM301Xi**	**UM301X**
Order Code	60003911	60003843	60003909	60003841
Display	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA
Aspect Ratio	4:3	4:3	4:3	4:3
Native Resolution	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)	1024 x 768 (XGA)
Brightness [ANSI Lumen]	3600	3600	3000	3000
Contrast Ratio	6000:1	6000:1	6000:1	6000:1
Projection Factor	0.36 : 1	0.36 : 1	0.36 : 1	0.36 : 1
Projection Distance [m]	0.11 - 0.51	0.11 - 0.51	0.11 - 0.51	0.11 - 0.51
Projection Angle [°]	53.1	53.1	53.1	53.1
Screen Size (min / max) [cm (inch)]	156.2/296.4 (61.5/116)	156.2/296.4 (61.5/116)	156.2/296.4 (61.5/116)	156.2/296.4 (61.5/116)
Zoom / Focus	Digital / Manual	Digital / Manual	Digital / Manual	Digital / Manual
Connectors	2 x HDMI, 1 x RGB In, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, 3 x Audio In, 1 x Microphone In, 1 x Audio Out, WLAN optional	2 x HDMI, 1 x RGB In, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, 3 x Audio In, 1 x Microphone In, 1 x Audio Out, WLAN optional	2 x HDMI, 1 x RGB In, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, 3 x Audio In, 1 x Microphone In, 1 x Audio Out, WLAN optional	2 x HDMI, 1 x RGB In, S-Video, Video, LAN, PC Control, 3 x USB, 1 x RGB out, 3 x Audio In, 1 x Microphone In, 1 x Audio Out, WLAN optional
Power [W AC] Hi-Bright / Normal / ECO / Stand-By / Power-Saving	337 / 257 / 214 / 2.4 / 0.4	337 / 257 / 214 / 2.4 / 0.4	297 / 227 / 190 / 2.4 / 0.4	297 / 227 / 190 / 2.4 / 0.4
Lamp Life Normal / ECO [hrs.]	5000 / 8000	5000 / 8000	3500 / 6000	3500 / 6000
Dimensions (W x H x D) [mm]	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428	378 x 112 x 428
Weight [kg]	5.6	5.6	5.5	5.
Speakers (mono) [W]	1 x 20	1 x 20	1 x 20	1 x 20
Education Warranty Available	•	•	•	•

P SERIES

ENTRY GRADE HIGH BRIGHTNESS
PROFESSIONAL INSTALLATION
AV MUTE SLIDABLE COVER OR BUTTON
UP TO 3000 HOURS LAMP LIFE (ECO)

4000 | 4500 | 5000 ANSI LUMEN
XGA | WXGA | HD

PA SERIES

FLEXIBLE INSTALLATION, 5 OPTIONAL LENS
STACKABLE TO 4 x BRIGHTNESS
HEAVY DUTY PERFORMANCE
DISPLAYPORT AND LAN

5000 | 5500| 6000 ANSI LUMEN
XGA | WXGA | WUXGA

	P401W	P451W	P501X	PA621U	PA622U	PA522U	PA671W	PA672W
Order Code	60003693	60003449	60003450	60003661	60003444	60003640	60003660	60003445
Display	3 x 1.5 cm (0.59") LCD Panel with SMLA	3 x 1.5 cm (0.59") p-Si LCD Panel with MLA	3 x 1.6 cm (0.63") p-Si LCD Panel with MLA	3 x 1.93 cm (0.76") LCD Panel with MLA	3 x 1.93 cm (0.76") LCD Panel with MLA	3 x 1.93 cm (0.76") LCD Panel with MLA	3 x 2 cm (0.79") p-Si inorganic LCD Panel with MLA	3 x 2 cm (0.79") p-Si inorganic LCD Panel with MLA
Aspect Ratio	16:10	16:10	4:3	16:10	16:10	16:10	16:10	16:10
Native Resolution	1280 x 800 (WXGA)	1280 x 800 (WXGA)	1024 x 768 (XGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1280 x 800 (WXGA)	1280 x 800 (WXGA)
Brightness [ANSI Lumen] (Max)	4000	4500	5000	6200	6200	5200	6700	6700
Brightness in Normal Mode [approx. %]	83	60	60	80	80	80	80	80
Contrast Ratio (DB™ = with DynamicBlack™)	4000:1	4000:1	4000:1	6000:1	6000:1	5000:1	6000:1	6000:1
Lens [mm]	F= 1.7 – 2.2, f= 17.4 – 29	F= 1.7 – 2.2, f= 17.4 – 29.0	F= 1.7 – 2.2, f= 17.4 – 29.0	optional	optional	optional	optional	optional
Lens: optional bayonet lenses (LM = with lens memory)	No optional lens	No optional lens	No optional lens	6	6	6	6	6
Projection Factor (std. option)	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.3 – 2.2 : 1	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)
Projection Distance [m]	0.7 – 14.6	0.7 – 14.6	0.6 – 13.8	0.7 (NP11FL) 76.4 (NP15ZL)	0.7 (NP11FL) 76.4 (NP15ZL)	0.7 (NP11FL) 76.4 (NP15ZL)	0.50 (NP11FL) 76.4 (NP15ZL)	0.50 (NP11FL) 76.4 (NP15ZL)
Screen Size (min. / max.) [cm (inch)]	64 / 762 (25 / 300)	64 / 762 (25 / 300)	64 / 762 (25 / 300)	76 / 1250 (30 / 500)	76 / 1250 (30 / 500)	76 / 1250 (30 / 500)	76 / 1,270 (30 / 500)	76 / 1,270 (30 / 500)
Lens Adjustment	Manual	Manual	Manual	Manual	Manual	Manual	Manual	Manual
Connectors	2 x HDMI, 1 x RGB In, S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 3 x Audio In, 1 x RGB Out, 1 x Audio Out, optional WLAN	2 x HDMI, 1 x RGB In, S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 3 x Audio In, 1 x RGB Out, 1 x Audio Out, optional WLAN	2 x HDMI, 1 x RGB In, S-Video, PC Control, RCA In, 2 x USB A, USB B, LAN, 3 x Audio In, 1 x RGB Out, 1 x Audio Out, optional WLAN	2 x HDMI (with HDCP), Display-Port, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDMI Out, 1 x D-Sub9pin, 1 x USB A, 1 x Audio Out, 5 x Audio In, 1 x 3D Sync Out, 1 x Remote In,LAN, optional WLAN	2 x HDMI (with HDCP), DisplayPort, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDBase, 1 x HDMI Out, 1 x D-Sub 9pin(PC Control), 1 x USB A, 1 x Audio Out, LAN, 6 x Audio In, 1 x 3D Sync Out, 1 x Remote In	2 x HDMI (with HDCP), DisplayPort, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDBaseT, 1 x HDMI Out, 1 x D-Sub9pin, 1 x USB A, 1 x Audio Out, 6 x Audio In, 1 x 3D Sync Out, 1 x Remote In, LAN	2 x HDMI (with HDCP), DisplayPort, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDMI Out, 1 x USB A, 1 x Audio Out, 5xAudio In, 1 x 3D Sync Out, 1 x Remote In,LAN, 1 x D-Sub9pin, optional WLAN	2 x HDMI (with HDCP), Display-Port, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDBase, 1 x HDMI Out, 1 x D-Sub 9pin(PC Control), 1 x USB A, 1 x Audio Out, LAN, 6 x Audio In, 1 x 3D Sync Out, 1 x Remote In
Power: (High Bright / Normal / ECO) [W]	325 / 274 / 231	357 / 292 / 231	357 / 292 / 231	- / 460 / 362	- / 460 / 362	- / 440 / 362	- / 460 / 362	- / 460 / 362
Power Network Stand-by Mode [W]	2.8	2.8	2.8	7.9	7.9	7.9	7.9	7.9
Power Saving Mode [W]	0.4	0.4	0.4	0.16	0.16	0.16	0.16	0.16
Lamp Power: Normal / ECO [W/UHP AC]	240 / 163	270 / 163	270 / 163	350 / 264	350 / 264	330 / 264	350 / 264	350 / 264
Lamp Life: Hi Br / Normal / ECO [hrs.]	4000 / 5000 / 6000	3500 / 4000 / 6000	3500 / 4000 / 6000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000	- / 3000 / 4000
Dimensions (W x H x D) [mm]	398 x 115 x 282	398 x 115 x 282	398 x 115 x 282	499 x 142 x 359	499 x 142 x 359	499 x 142 x 359	499 x 142 x 359	499 x 142 x 359
Weight [kg]	4.1	4.1	4.1	8.4	8.4	8.4	8.4	8.4
Speakers [W]	1 x 16	1 x 16	1 x 16	1 x 10	1 x 10	1 x 10	1 x 10	1 x 10

PX SERIES

24/7 REFERENCE PERFORMANCE
DUAL LAMP, BEST QUALITY TECHNOLOGY
DISPLAYPORT, LAN, INTEGRATED OPS SLOT

7000 | 7500 | 8000 ANSI LUMEN
XGA | WXGA | WUXGA

PH SERIES

3 CHIP DLP, HIGH-END PERFORMANCE, OPS SLOT
VERTICAL AND HORIZONTAL MOTORISED LENS SHIFT

11000 I 13500 ANSI LUMEN
WUXGA

PA572W	PA722X	PX700W	PX750U	PX800X	PX602UL	PX602WL	PH1000U	PH1400U	PH1201QL*
60003641	60003446	60003183	60003182	60003184	60003795 (BK), 60003695 (WH)	60003794 (BK), 60003696 (WH)	60003275	60003442	60003698
3 x 2 cm (0.79") p-Si inorganic LCD Panel with MLA	3 x 2 cm (0.79") p-Si inorganic LCD Panel with MLA	1.65 cm (0.65") DMD Chip - DLP™ Technology	1.7 cm (0.67") DMD Chip - DLP™ Technology	1.78 cm (0.7") DMD Chip - DLP™ Technology	1.7 cm (0.67") DMD Chip - DLP™ Technology	1.65 cm (0.65") DMD Chip - DLP™ Technology	3 x 2.44 cm (0.96") 3-Chip - DLP™ Technology	3 x 2.44 cm (0.96") 3-Chip - DLP™ Technology	3.58 cm (1.38") DC4K Chip - DLP™ Technology
16:10	4:3	16:10	16:10	4:3	16:10	16:10	16:10	16:10	19:10
1280 x 800 (WXGA)	1024 x 768 (XGA)	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	1024 x 768 (XGA)	1920x1200 (WUXGA)	1280 x 800 (WXGA)	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	4096 x 2160
5700	7200	7000	7500	8000	6000	6000	11000	13500	12000
80	80	80	80	80	80	80	75	75	-
6000:1	5000:1	2100:1 DB™	2100:1 DB™	2100:1 DB™	10000:1	10000:1	2000:1	2000:1	2000:1
optional	optional	optional	optional	optional	optional	optional	optional	optional	optional
6	6	7 (6 with Lens Memory)	7 (6 with Lens Memory)	7 (6 with Lens Memory)	5	5	7 (6 with Lens Memory)	7 (6 with Lens Memory)	6
1.5-3.02:1 (NP13ZL)	1.5-3.02:1 (NP13ZL)	0.76:1 & 1.25-8.3:1	0.76:1 & 1.25-8.3:1	0.76:1 & 1.25-8.3:1	depending on lens selection	depending on lens selection	0.67:1 & 0.9-6.96:1	0.67:1 & 0.9-6.96:1	depending on lens selection
0.50 (NP11FL) 76.4 (NP15ZL)	0.50 (NP11FL) 76.4 (NP15ZL)	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	0.8 (NP16FL) 54 (NP21ZL)	1.02 – 19.39	1.02 – 19.39	1.1 (NP25FL) 74 (NP29ZL)	1.1 (NP25FL) 74 (NP29ZL)	depending on lens selection
76 / 1,270 (30 / 500)	76 / 1,270 (30 / 500)	127 / 762 (50 / 300)	127 / 762 (50 / 300)	127 / 762 (50 / 300)	127 / 762 (50 / 300)	127 / 762 (50 / 300)	203 / 1,270 (80 / 500)	203 / 1,720 (80 / 500)	
Manual	Manual	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised	Motorised	Motorized
2 x HDMI (with HDCP), Display-Port, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDBase, 1 x HDMI Out, 1 x D-Sub 9pin(PC Control), 1 x USB A, 1 x Audio Out, LAN, 6 x Audio In, 1 x 3D Sync Out, 1 x Remote In	2 x HDMI (with HDCP), Display-Port, 1 x RGB In, 1 x 5BNC (shared with Video/S-Video Component Signal), 1 x HDBase, 1 x HDMI Out, 1 x D-Sub 9pin(PC Control), 1 x USB A, 1 x Audio Out, LAN, 6 x Audio In, 1 x 3D Sync Out, 1 x Remote In	HDMI, DisplayPort, 3 x RGB In, S-Video, LAN, PC Control, 2 x USB A, RCA In, 1 x RGB out, Remote in, optional WLAN, 1 x Optional Slot	HDMI, DisplayPort, 3 x RGB In, S-Video, LAN, PC Control, 2 x USB A, RCA In, 1 x RGB out, Remote in, optional WLAN, 1 x Optional Slot	HDMI, DisplayPort, 3 x RGB In, S-Video, LAN, PC Control, 2 x USB A, RCA In, 1 x RGB out, Remote in, optional WLAN, 1 x Optional Slot	HDMI, DisplayPort, 1 x RGB In, 1 x 5BNC, HDBaseT	HDMI, DisplayPort, 1 x RGB In, 1 x 5BNC, HDBaseT	HDMI, DisplayPort, 3 x RGB In, S-Video, LAN, PC Control, 2 x USB A, RCA In, 1 x RGB out, Remote in, optional WLAN, 1 x Optional Slot	HDMI, DisplayPort, 3 x RGB In, S-Video, LAN, PC Control, 2 x USB A, RCA In, 1 x RGB Out, Remote In, optional WLAN, 3D DVI In, 1 x Optional Slot	HDMI, DisplayPort
- / 440 / 362	- / 460 / 362	- / 494 / 405	- / 515 / 429	- / 489 / 404	-/ 550 / 270	-/ 550 / 270	- / 580 / 490	- / 705 / 585	1600
7.9	7.9	18	23	18	< 6	< 6	60	60	tbd
0.16	0.16	0.4	0.4	0.4	< 0.5	< 0.5	0.5	0.5	tbd
330 / 264	350 / 264	2 x 400 / 2 x 320	2 x 400 / 2 x 320	2 x 400 / 2 x 320	Laser Light Source	Laser Light Source	2 x 400 / 2 x 320	2 x 465 / 2 x 365	tbd
- / 3000 / 4000	- / 3000 / 4000	- / 2000 / 2500	- / 2000 / 2500	- / 2000 / 2500	20000	20000	- / 2000 / 2500	- / 2500 / 3000	tbd
499 x 142 x 359	499 x 142 x 359	504 x 192 x 516	504 x 192 x 516	504 x 192 x 516	484 x 195 x 509	484 x 195 x 509	558 x 235 x 578	558 x 235 x 578	700 x 323 x 935
8.4	8.4	19.7	19.7	19.7	18.5	18.5	39	39	67.5
1 x 10	1 x 10	-	-	-	-	-	-	-	-

* Specification subject to change until launch

DIGITAL CINEMA / PROJECTOR OPTIONS

	NC900C	NC1200C	NC2000C	NC3200S	NC3240S	NC1040L	NC1440L	NC1100L
Order Code	60003356	60002948	60002815	60002816	60003070	60003623	60003664	60003700
DMD	3-chip DMD reflection method	3-chip DMD reflection method	3 x 0.98" Chip DLP™	3-chip DMD reflection method	3-chip DMD reflection method	3-chip DMD reflection method	3-chip DMD reflection method	3-chip DMD reflection method
Screen Sizes	up to 9.5m in DCI Colour	4 to 14m	up to 20m	up to 32m	up to 32m	up to 9.5 m	up to 14 m	up to 11 m
Light Source	350 W x 2 NSH Lamps	max 2.0KW	max 4.0KW	High-efficiency Xenon lamp options (7KW)	High-efficiency Xenon lamp options (7KW)	External Laser Light source connected by fiber tube	Laser Light Source	Laser Light Source
Contrast Ratio	1800:1 (full on/off)	> 2200:1 (full on/off)	> 2200:1 (full on/off)	> 2200:1 (full on/off)	> 2000:1 (full on/off)	2000:1 (full on/off)	2000:1 (full on/off)	1750:1 (full on/off)
DMD Specifications	2048 x 1080 Chip: 0.69" DLP	0.98", 12º tilt angle, 2048 x 1080 pixels	0.98", 12º tilt angle, 2048 x 1080 pixels	1.25", 12º tilt angle, 2048 x 1080 pixels	1.38", 12º tilt angle, 4096 x 2160 pixels	1.38", 12º tilt angle, 4096 x 2160 pixels	1.38", 4096 x 2160 pixels	2048 x 1080 Chip: 0.69" DLP
Primary Lenses	NP-9LS12ZM: 1.2-1.72:1 NP-9LS13ZM: 1.33-2.1:1 NP-9LS16ZM: 1.62-2.7:1 NP-9LS20ZM: 2.09-3.9:1 NP-9LS40Z: 4.07-6.34:1	1.2 to 1.8:1 zoom; 1.3 to 1.75:1 zoom; 1.4 to 2.05:1zoom; 1.59 to 2.53:1 zoom; 1.9 to 3.25:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.5:1 zoom	1.2 to 1.8:1 zoom; 1.3 to 1.75:1 zoom; 1.4 to 2.05:1 zoom; 1.59 to 2.53:1 zoom; 1.9 to 3.25:1 zoom; 2.4 to 3.9:1 zoom; 3.9 to 6.52:1 zoom	1.25 to 1.45:1 zoom; 1.44 to 2.05:1 zoom; 1.6 to 2.4:1 zoom; 1.8 to 3:1 zoom; 2.15 to 3.6:1 zoom; 3 to 4.3:1 zoom; 4.3 to 6:1 zoom	1.25 to 1.45:1 zoom; 1.44 to 2.05:1 zoom; 1.6 to 2.4:1 zoom; 1.8 to 3:1 zoom; 2.15 to 3.6:1 zoom; 3 to 4.3:1 zoom; 4.3 to 6:1 zoom	1.13 to 1.66:1 zoom; 1.30 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom	1.13 to 1.66:1 zoom; 1.30 to 1.85:1 zoom; 1.44 to 2.16:1 zoom; 1.63 to 2.71:1 zoom; 1.95 to 3.26:1 zoom; 2.71 to 3.89:1 zoom	NP-9LS12ZM1: 1.2-1.72:1 NP-9LS13ZM1: 1.33-2.1:1 NP-9LS16ZM1: 1.62-2.7:1 NP-9LS20ZM1: 2.09-3.9:1
Dimension W x H x D [mm]	621 x 314 x 798	700 x 503 x 990	700 x 503 x 990	700 x 503 x 1,124	700 x 503 x 1,124	737 x 364 x 1,042	737 x 364 x 1,042	700 x 314 x 1042
Cooling Method	Air cooling with dust-preventing electrostatic filter	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 10,600 BTU. Projector exhaust: 10m³/min	Liquid Cooling system with dust preventing electrostatic filter. Total thermal dissipation: 18,800 BTU. Demand of Exhaust Duct 13CMM	Liquid Cooling inside, air cooling with dust preventing electrostatic filter. Total thermal dissipation: 35,500 BTU. Demand of Exhaust Duct 16CMM	Liquid Cooling inside, air cooling with dust preventing electrostatic filter. Total thermal dissipation: 35,850 BTU. Demand of Exhaust Duct 16CMM	Liquid Cooling inside, air cooling with dust preventing electrostatic filter; Demand of exhaust duct: NO	Liquid Cooling inside, air cooling with dust preventing electrostatic filter; Demand of exhaust duct: NO	Air cooling with dust-preventing electrostatic filter

For more detailed information please visit: **www.digital-cinema-nec.com**

OPTION v PROJECTOR		Value						Multi-Purpose											Short Throw			
		V230X	V260	V260X	V281W	V311W	V311X	M230X	M271X	M271W	M311X	M311W	M322X	M322W	M361X	M362W	M402W	M420X	M260XS	M302WS	M332XS	M352WS
OPTION	ORDER CODE	COMPATIBILITY																				
PJ03WHA	100012976	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●
PJ03WHM	100013024	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●
NP02HM	100012781	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●
PJ03MHA *	100013384	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	●
NP02WK	100012810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	○	○	○
NP03WK	100012864	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	○	○	○
NP04WK	100013142	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-
NP05WK	100013622	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●
Wall Mount included		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP02UCM	100012433	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP03UCM	100012434	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP04UCM	100012435	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP05UCM	100012436	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
NP70CM	100012901	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP01Wi1 (incl. Mouse Driver)	60003314	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-
NP01Wi2 (incl. Software)	60003315	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	-	-	-
NP02Wi	100013065	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP03Wi	100013602	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●
NP02GL (3D Glasses)	100012946	●	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●
VPOP-01000 (3D Glasses)	1000135777	●	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●

OPTION v PROJECTOR		Ultra Short Throw					Installation																			
		U310W	UM280X	UM280W	UM330X	UM330W	P401W	P451W	P501X	PE401H	PA500U	PA500X	PA550W	PA600X	PX700W	PX750U	PX800X	PH1000U	PH1400U	PA621U	PA622U	PA522U	PA671W	PA672W	PA572W	PA722X
OPTION	ORDER CODE	COMPATIBILITY																								
PJ03WHA	100012976	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PJ03WHM	100013024	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP02HM	100012781	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PJ03MHA	100013384	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP02WK	100012810	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP03WK	100012864	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP04WK	100013142	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP05WK	100013622	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Wall Mount included		●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP02UCM	100012433	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP03UCM	100012434	●	●	●	●	●	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP04UCM	100012435	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	●	●	●	●	●	●	●
NP05UCM	100012436	●	●	●	●	●	●	●	●	●	●	●	●	●	-	-	-	-	-	●	●	●	●	●	●	●
NP70CM	100012901	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	-	-	-
NP01Wi1 (incl. Mouse Driver)	60003314	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP01Wi2 (incl. Software)	60003315	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP02Wi	100013065	-	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP03Wi	100013602	-	●	●	●	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
NP02GL (3D Glasses)	100012946	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VPOP-01000 (3D Glasses)	tbd.	●	-	-	-	-	-	-	-	●	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PJ01FPA	tbd.	-	-	-	-	-	-	-	-	-	●	●	●	●	-	-	-	-	-	●	●	●	●	●	●	●
PJ01FPX	tbd.	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	●	-	-	-	-	-	-	-	-	-
PJ01FPH	tbd.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	●	●	-	-	-	-	-	-	-

CEILING MOUNT FEATURES		Maximum Load [kg]	Length [mm]	Tilt/ Roll [°]	Swivel [°]
OPTION	ORDER CODE	DETAILS			
NP02UCM	100012433	7	500	25	360
NP03UCM	100012434	7	750	25	360
NP04UCM	100012435	12	300 - 350	25	360
NP05UCM	100012436	12	500 - 750	25	360
NP70CM	100012901	30	250	25	-

HEIGHT ADJUSTABLE SYSTEMS		Adjustment Type	Height Adjustment [mm]	Weight [kg]	Maximum Load [kg]
OPTION	ORDER CODE	DETAILS			
PJ03WHA	100012976	Motorised	500	39.6	50.0
PJ03WHM	100013024	Mechanical	450	38.0	40.0
NP02HM	100012781	Motorised	675	48.0	50.0
PJ03MHA	100013384	Motorised	500	88.0	50.0

MOUNT COMPATIBILITY		NP02WK	NP03WK	NP04WK	NP05WK	NP05WK
OPTION	ORDER CODE	COMPATIBILITY				
PJ03WHA	100012976	●	●	●	●	●
PJ03WHM	100013024	●	●	●	●	●
NP02HM	100012781	●	●	●	●	●
PJ03MHA	100013384	●	●	●	●	●
NP01Wi1	60003314	●	●	●	●	-
NP01Wi2	60003315	●	●	●	●	-
NP02Wi	100013065	●	●	●	●	-
NP03Wi	100013602	-	-	-	-	●

WALL MOUNT FEATURES		Height Adjustment [mm]	Weight [kg]
OPTION	ORDER CODE	DETAILS	
PJ03WHA	100012976	450	39.6
PJ03WHM	100013024	500	38
NP02WK	100012810	50	7.2
NP03WK	100012864	50	10.5
NP04WK	100013142	+/-40	9.3
NP05WK	100013622	+/-40	13.7

* Whiteboard not included

SOFTWARE

NEC DISPLAYNOTE

Next Generation Interactive Learning

DisplayNote, NEC Edition, is the latest interactive whiteboard tablet solution, which combines advanced collaboration tools with the market leading utilities available with NEC Projectors and Large Format Displays to create the ideal collective presentation solution for learning establishments.

Users can present, share and collaborate ideas and presentations across all major platforms (Windows, Android, Apple, Linux and iOS) and any connected device, such as an iPad, Android tablet, smartphone, netbook or laptop.

For more detailed information please visit: **www.displaynote-nec.com**

NAVISET ADMINISTRATOR 2

All-in-one support system for NEC Desktops, Projectors and Large Format Displays

NaViSet Administrator 2 is an all-in-one remote support solution that manages the majority of NEC display devices and Windows computers. It is ideal for multidevice installations over larger infrastructures, for example in the corporate/large businesses, transportation, energy and utility, leisure and museum, finance, retail industries.

The NaViSet Administrator 2 software is designed to run from a central location and provides monitoring, asset management and control functionality of remote displays via LAN or serial connections.

For more detailed information please visit: **www.nec-display-solutions.com/naviset**

VUKUNET

The Engine that Powers the DOOH Industry

VUKUNET is an internet-based AdServing platform that connects all DOOH media networks in order to simplify planning, buying and the delivery of an advertising campaign. Developed by NEC it forms part of a market leading suite of digital signage products and services.

VUKUNET turns any internet connected screen into an advertising face which can generate incremental revenue for screen owner.

For more detailed information please visit: **www.vukunet-nec.com**

HIPERWALL VIDEOWALL SOLUTION

Videowall Content and Source Management Software

Hiperwall is an ultra high resolution software package for an endless number of displays which is scalable in size and eliminates costly servers, matrix switches and distributors.

It enables customers to connect an infinite number of sources to a videowall and freely determine size and position of this content.

Hiperwall also provides advanced capabilities like zoom, rotation, shading and transparency, enabling users to examine content with increased flexibility and effectiveness.

NEC LEAFENGINE

Context Aware Digital Signage with leafengine

The leafengine middleware transforms digital signage installations into interactive experiences, reacting to the visitor's input, customizing the content and gathering the rich market data all these processes generate.

Such a goal typically required selecting, integrating and maintaining an ever-changing, ever-updating number sensors into the player software.

The leafengine, on the other hand, is designed to overcome this complexity and enable access to a broad catalogue of sensors, including gender and age classification, proximity detection, NFC , QR-Codes, touch and many other

For more detailed information please visit: **www.leafengine.com**

NEC FIELDANALYST

Anonymous Video Analytics (AVA)

FieldAnalyst is a software solution which automatically detects human faces from images captured by video cameras, and estimates the number of visitors and exits, gender and age group, which are digitalized for output in real time.

The software collects and processes this information for marketing analysis or real-time effective advertising using digital signage.

FieldAnalyst enables you to automatically conduct various marketing analysis that have relied on human work until now. The advantages of this NEC solution are speed, accuracy and the ability to integrate into other real-time analysis or reaction based solutions.

NEC ReTrade

Trade in your old projector when you trade-up to NEC

Make your next Projector purchase an NEC and you could trade-in your old projector for cash and take comfort that you are doing your part in preserving resources and creating a sustainable environment.

Further detailed information on the ReTrade programme is available at
www.nec-display-solutions.com/retrade

Return, Refurbish, Reuse - ReTrade

85% of the returned projectors will be refurbished and returned to the market meaning less hazardous substances require disposing off, vastly less material are wasted and less new resources are unnecessarily consumed. Purchases and Trade-Ins are welcomed and virtually any common projector is covered within three month after purchase of the new NEC Projector.

CHECK THE VALUE OF YOUR OLD PROJECTOR NOW!

It's a Simple Process

Visit **www.nec-display-solutions.com/retrade**

- Describe your returned projector
- Receive an instant Trade-In Quotation
- Accept online quotation
- Ship your pre-owned projector using provided shipping label together with a proof of purchase for an NEC Projector
- Receive your payment in the pre-selected form

NEC Green Vision

Green Without Compromise

The NEC Green Vision Campaign is a long-standing initiative by NEC to increase the ecological productivity associated with the use of our products through increased efficiency and to create a more sustainable society by consuming less energy and elimination of harmful materials and unnecessary waste.

We constantly strive to enhance the Ecological characteristics of our products, listed are just some of the green features you may come to expect.

With our 'Green Vision' Environmental Initiative, NEC strive to help to create a sustainable society friendly to humans and our planet.

NeCycle™ which is the brand name of NEC's newly developed bioplastics, indicates a new style of recycling of the material itself as well as a recycling of the CO_2 that is absorbed by the plant component that constitutes the material's main resource.

INTUITIVE ECO MODES
One Click or Auto ECO Modes, help you reduce your projector or display power use when it is not needed, allowing optimum brightness and maximum energy efficiency at all times.

AV MUTE
Save 75% Lamp Power by simply sliding the projector cover across. When you slide it back the image instantly reappears.

HUMAN AND AMBIENT LIGHT SENSORS
The Human Sensor ensures your display is only working when you are, as it detects your presence at the desk, ambient light and luminance sensors also make intelligent adjustments to your displayed image to help to save power.

For more detailed information please visit:
www.green-vision-nec.com

NEC Serviceplus

A COMMITMENT TO QUALITY

NEC have built a world-renowned reputation developing Display Solutions that offer the ultimate in quality, performance and longevity. We have become recognised for professional performance and our product philosophy has enabled NEC to become a leading name in the Finance, Transportation, Colour, Corporate, Healthcare, Retail, Education and Cinema sectors.

NEC **serviceplus** takes that philosophy further for the entire sales cycle from pre-sales through to the replacement phase. We take the guessing out of installing and managing a Display Solution inventory over a standard or extended lifecycle. Our customers can concentrate on their business activities, confident that their IT infrastructure is underwritten by the **serviceplus** promise.

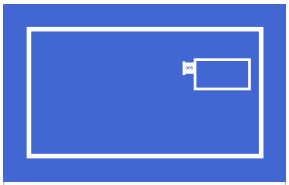
serviceplus

The Serviceplus Offering

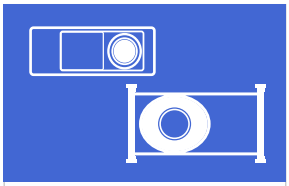
- 5 years warranty
- Ad hoc warranty extension
- 24/7 for selected displays and projectors
- De-/Re-install service

WHAT DOES SERVICEPLUS COVER?

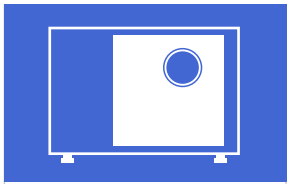
DESKTOP DISPLAYS
- Commercial
- Professional
- Specialist



LARGE FORMAT
- Professional
- Specialist
- Videowalls and Options



PROJECTORS
- Value and Mobile
- Multi-Purpose
- Installation and HLO



DIGITAL CINEMA
- Compact
- High End DC

For more detailed information please visit: **www.nec-display-solutions.com /** Choose support

GLOSSARY

BEHIND THE TECHNOLOGY

The NEC REFERENCE designation is awarded to our products and solutions which through their performance and benefits we consider to be the market benchmark for our customers. The logo is a tangible reminder of our high quality, performance-driven Japanese heritage, our focus on award-winning design flair and our passion for state of the art leadership in innovation and meeting the demands of our customers in the most challenging applications.

Our Reference Displays and Projectors are trusted across the world in Airports, Hospitals, Arenas and Cinemas, Corporates and Institutions, where performance is critical.

REFERENCE

ECO INNOVATION	This logo is used to indicate that a product or series of products has ECO innovations that help to reduce the energy use associated with the product and/ or offers greater productivity from the same resource.
	The NEC Green Vision logo, representing NEC's mission to help to create a sustainable society.
NeCycle	NeCycle™, which is the brand name of NEC's newly developed bioplastics, indicates a new style of recycling: a recycling of the material itself as well as a recycling of the CO_2 that is absorbed by the plant component that constitutes the material's main resource.
3D	Selected NEC Projectors and Digital Cinema Products are able to reproduce content in Stereoscopic 3D. The 3D NEC logo is an indication that a product can playback 3D media. For further information please visit our website www.3d-nec.com
LED LED Projector Series	LED Projectors generate their image in a more efficient way than conventional LCD or DLP projection. They are able to operate at considerably lower power consumption and within a smaller chassis. This logo is displayed for LED Projectors only.
LED LED Backlit LCD	LED Backlighting is integrated into some of our Desktop and Large Format Displays as either Direct LED Backlighting or Edge LED Backlighting. This Logo is used to indicate LED backlit displays that operate at lower power and in a smaller chassis.

GB-R LED	GB-R LED backlighting offers mercury-free and low energy rear illumination in LCD monitors, but with the full AdobeRGB colour gamut performance.
EDU EDU SOLUTIONS	NEC specialise in creating solutions and better value options for the Education Sector. This logo indicates where such special solutions or promotions including extended warranties are available for Education customers. More information is available at www.education-nec.com
3 YEARS WARRANTY	Subject to our terms of use, the standard warranty on NEC display products unless stated otherwise is 3 years return, to manufacturer. For specific terms please request a copy of our warranty terms and conditions.
6 MONTHS FOR LAMP	Subject to our terms of use, the standard warranty on NEC projector lamps unless stated otherwise is 6 months, return to manufacturer. For specific terms please request a copy of our warranty terms and conditions.
5 YEARS OPTION	Subject to our terms of use, a warranty extension from 3 years to 5 years return to manufacturer will be available on displays marked with this logo. For specific terms please request a copy of our warranty terms and conditions.
0 PIXEL DEFECT	Subject to our terms of use, where this logo is shown, Displays that have a complete pixel failure within the first 6 months of use will be repaired or exchanged under warranty.
iF product design award 2011	Established in 1953, the iF product design award is today among the most important awards for innovative product design.

PRODUCT OVERVIEW 2015

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